

EPA REGISTRATION NUMBER 67690-37 - Vol 3

Material Sent for Data Extraction

Reg. # 67690-37

Description: Perq. Notice

☒ Material(s) Sent to Data Extraction Contractors:

☒ New Stamped Label Dated 7-6-11

☐ Notification Dated _____

☐ New CSF(s) Dated _____

☐ Other: _____

☐ Decision #: _____

☐ Other Action/Comments: _____

File this coversheet and attached materials in the jacket. It must be well organized and clipped together, NOT STAPLED. Then give the jacket with the coversheet and materials to staff in the Information Services Center (ISC) (Room S-4900). If a jacket is full or only available as an image, please file materials in a new jacket and bring it down to the (ISC). For further information please call 703-605-0716.

Reviewer: R Kearns

Phone: 703-605-5611 Division: RD

Date: 7-6-11



U.S. ENVIRONMENTAL PROTECTION
AGENCY

Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg.
Number:

67690-37

Date of
Issuance:

JUL 06 2011

NOTICE OF PESTICIDE:

XX Registration

XX Reregistration

(under FIFRA, as amended)

Terms of Issuance:

Unconditional

Name of Pesticide

Product: CuPro 2005 T/N/O

Name and Address of Registrant (include ZIP Code):

Se[pro Corporation

11550 North Meridian Street

Suite 600

Carmel, IN 46032-4565

Attn. Laurent Mezin

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

EPA received a label amendment request submitted by email on June 29, 2011. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for **Copper Hydroxide** have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

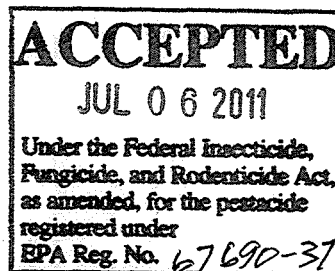
Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

Signature of Approving Official:

Tony Kish
Product Manager 22
Fungicide Branch
Registration Division

Date:

JUL 06 2011

[Base label for Nonrefillable, Non-Rigid containers, any size]**CuPRO^{*} 2005 T/N/O****FUNGICIDE/BACTERICIDE***Dry Flowable*

A BROAD SPECTRUM FUNGICIDE/BACTERICIDE RECOMMENDED FOR CONTROL OF MANY IMPORTANT PLANT DISEASES ON CONIFERS AND ORNAMENTAL PLANTS GROWN IN GREENHOUSE/SHADEHOUSE, NURSERY, AND OUTDOOR LANDSCAPE SETTINGS.

Active IngredientCopper hydroxide[†] (CAS# 20427-59-2) 53.8%**Other Ingredients** 46.2%**TOTAL** 100.0%[†] Metallic Copper equivalent 35.0%**KEEP OUT OF REACH OF CHILDREN****ANGER / PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail).

DANGER. Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if inhaled. Do not get in eyes or clothing. Avoid breathing dust.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving	

CuPRO* 2005 T/N/O, call **INFOTRAC** at **1-800-535-5053**.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. CuPRO* 2005 T/N/O has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains CuPRO* 2005 T/N/O. For terrestrial uses: do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Nonrefillable Container Disposal (non-rigid, any size): Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available. If not available, then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refer to label booklet for additional precautionary information and directions for use.

NOTICE: Read the entire label. Use only according to label directions. **Before buying or using CuPRO* 2005 T/N/O, read *Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies* inside label booklet.**

For additional information on our products, please visit www.sepro.com.

EPA Reg. No. 67690-37
FPL20110614

EPA Est. No. _____
SPC- _____

SePRO Corporation 11550 N. Meridian Street, Suite 600, Carmel, IN 46032, U.S.A.

Fungicide/Bactericide

Net Contents _____

[Label text]

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****KEEP OUT OF REACH OF CHILDREN****DANGER / PELIGRO**

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(If you do not understand the label, find someone to explain it to you in detail).

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If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
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Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving CuPRO* 2005 T/N/O, call INFOTRAC at 1-800-535-5053 .	

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear the following:

- Long-sleeved shirt and long pants;
- Shoes and socks;
- Goggles or face shield; and
- Chemical-resistant gloves.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instruction for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily

contaminated with CuPRO* 2005 T/N/O's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS:

- User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash the outside of gloves before removing.
- User should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. CuPRO* 2005 T/N/O has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to product runoff that contains CuPRO* 2005 T/N/O. For terrestrial uses: do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

Certain water conditions including low pH (≤ 6.5), low dissolved organic carbon (DOC) levels (3.0 mg/L or lower), and "soft" waters (i.e., alkalinity less than 50 mg/L), increases the potential acute toxicity to non-target aquatic organisms.

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal Law to use CuPRO* 2005 T/N/O in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not apply CuPRO* 2005 T/N/O in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the treatment area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use CuPRO* 2005 T/N/O only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of CuPRO* 2005 T/N/O that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours without required PPE.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls;
- Shoes plus socks;
- Chemical-resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber or butyl rubber; and
- Protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of CuPRO* 2005 T/N/O that are not within the scope of the Worker Protection Standard for agricultural pesticides 40 CFR part 170. The WPS applies when CuPRO* 2005 T/N/O is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Do not enter or allow others to enter until sprays have dried.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

- Droplet Size: Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.
- Wind Speed: Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.
- Temperature Inversions: If applying at wind speeds less than 3 mph, the applicator must determine if (a) conditions of temperature inversion exist, or (b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.
- Other State and Local Restrictions: Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds. Where states have more stringent regulations, they must be observed.
- Equipment: All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.
 - Additional requirements for aerial applications:
 - The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
 - Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
 - When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the top and downwind edge of the application area by adjusting the path of the aircraft upwind.
 - Additional requirements for ground boom application:
 - Do not apply with a nozzle height greater than 4 feet above the crop canopy.

GENERAL APPLICATION INFORMATION

CuPRO* 2005 T/N/O may be applied as an aerial, ground dilute or ground concentrate spray unless specifically directed otherwise in the specific crop use directions.

The per acre use rate of CuPRO* 2005 T/N/O is applicable for both dilute and concentrate spraying. Depending upon the equipment used and the specific crop, the spray volume applied per acre will differ. Refer to Table 1 for *Minimum Recommended Spray Volumes*. Complete spray coverage is essential to assure optimum performance from CuPRO* 2005 T/N/O. When treating by aerial application or with low volume application equipment, unless you have had specific previous experience, it is advisable to test for compatibility and tolerance to crop injury prior to full scale commercial utilization.

Consult the CuPRO* 2005 T/N/O label for specific rates and timing of application by crop. Where application rates and intervals are provided in a range (e.g. 0.75 to 2 pounds and 7 to 10 days), the higher rates and shorter spray intervals are recommended when rainfall is heavy and/or disease pressure is high. Use the higher rates for large mature tree crops.

General Precautions

- CuPRO* 2005 T/N/O should not be applied in a spray solution having a pH of less than 6.5 as phytotoxicity may occur.
- Do not tank mix CuPRO* 2005 T/N/O with Aliette® fungicide for use on any registered crops or ornamentals unless appropriate precautions have been taken to buffer the spray solution because severe phytotoxicity may result.
- Use in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. CuPRO* 2005 T/N/O cannot be mixed with any product containing a label prohibition against such mixing.
- CuPRO* 2005 T/N/O may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.
- Environmental conditions such as extended periods of wet weather, acid rain, etc. which alter the pH of the leaf surface may affect the performance of CuPRO* 2005 T/N/O resulting in possible phytotoxicity or loss of effectiveness.
- Agricultural chemicals may perform in an unpredictable manner when tank mixed, especially where several products are involved. Reduced effect on pests or crop injury may occur. Unless recommended on this label or by a state/local expert, it is advisable to test for compatibility and potential crop injury prior to commercial use of a new tank mix; otherwise, tank mixing should not be undertaken.
- It must be determined if proper application equipment is available and if waste associated with its use can be properly handled. Agricultural chemicals are often reactive with the materials used in the construction of application equipment, such as aluminum, rubber and some synthetic materials. This factor should be taken into consideration when selecting proper application equipment. It is necessary that all application equipment be thoroughly flushed with clean water after each day's use.
- Do not apply CuPRO* 2005 T/N/O through any irrigation (chemigation) system using aluminum parts or components as damage to the system may occur. Such application is prohibited regardless of whether the irrigation system is flushed with water after use of CuPRO* 2005 T/N/O.

- Apply CuPRO* 2005 T/N/O only through one or more of the following types of systems: sprinkler, including center pivot, lateral move, traveler, big gun, or plastic pipe solid set system(s) which contain no aluminum parts or components. Do not apply CuPRO* 2005 T/N/O through any other type of irrigation system.
- While volume is important in obtaining full spray coverage, often factors such as foliage density, environmental conditions and sprayer calibration have a greater impact. Always be sure that sprayers are calibrated to spray equipment manufacturer's specifications and environmental conditions are within those recommended by State and local regulatory authorities.
- When mixing, fill the spray tank one-half full with water. Add CuPRO* 2005 T/N/O slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. **DO NOT PRE-MIX or SLURRY CuPRO* 2005 T/N/O.** Spreaders, stickers, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the Compatibility Jar Test before mixing a whole tank or contact your chemical supplier. Observe all precautions and limitations on the labels of all products used in mixtures.

CROP CLASSIFICATIONS

CONIFERS: Douglas Fir, Fir, Juniper, Leyland Cypress, Pine, Spruce

ORNAMENTALS: Species as listed

TABLE 1			
MINIMUM RECOMMENDED SPRAY VOLUME (GALLONS PER ACRE) WHEN APPLYING CuPRO 2005 T/N/O			
	Aerial	Ground	
		Dilute	Concentrate
Conifers	10	100	30
Ornamentals	10	100	50

FROST INJURY PROTECTION - Bacterial Ice Nucleation Inhibitor

Application of CuPRO* 2005 T/N/O made to all crops listed on this label at rates and stages of growth indicated on this label, at least 24 hours prior to anticipated frost conditions, will afford control of ice nucleating bacteria (*Pseudomonas syringae*, *Erwinia herbicola*, and *Pseudomonas fluorescens*) and may therefore provide some protection against light frost. Not recommended for those geographical areas where weather conditions favor severe frost.

CONIFERS

For use on conifers, including Douglas Fir, Fir[†], Juniper, Leyland Cypress[†], Pine[†] and Spruce[†], in Christmas tree plantings.

For control of foliar diseases, apply CuPRO* 2005 T/N/O as a thorough cover spray at rates ranging from 1.5 to 3 pounds per acre. Begin applications in the spring at the initiation of new growth and repeat at 1 to 4 week intervals or greater, depending on disease pressure. The minimum retreatment interval for conifers is 7 days. Use the higher rates when disease pressure is severe or when environmental conditions favor disease development.

CuPRO* 2005 T/N/O is recommended for use on the conifers found in Table 2 for control of

the indicated diseases.

TABLE 2		
CONIFERS		
Crop	Scientific Name	Disease(s)
Douglas Fir	<i>Pseudotsuga menziesii</i>	Rhabdocline needlecast
Fir [†]	<i>Abies</i> spp.	Needlecasts
Juniper	<i>Juniperus</i> spp.	Anthracnose; Phomopsis Twig Dieback [†]
Leyland Cypress [†]	<i>x Cupressocyparis leylandii</i>	Cercospora Needle Blight
Pine [†]	<i>Pinus</i> spp.	Needlecasts
Spruce [†]	<i>Picea</i> spp.	Needlecasts
Lichens[†]: To control lichens on any of the conifers above, apply 5.71 pounds of CuPRO* 2005 T/N/O per acre as a dormant application before new growth emerges in the spring. The addition of a non-ionic surfactant will improve control. A second application may be required after 12 months.		

[†]Except California

NOTE: Do not buffer or combine with emulsifiable concentrate insecticides.

ORNAMENTALS

Use CuPRO* 2005 T/N/O for control of bacterial and fungal diseases of foliage, flowers and stems on ornamentals in greenhouses, shadehouses, outdoor nurseries and outdoor landscape plantings.

For ornamental crops in dormancy, apply as a thorough cover spray at rates ranging from 0.75 to 3 pounds per acre of CuPRO* 2005 T/N/O. When new growth is present, apply as a thorough cover spray at rates ranging from 0.75 to 2 pounds per acre of CuPRO* 2005 T/N/O.

One level tablespoon of CuPRO* 2005 T/N/O per 1,000 square feet is equivalent to 1.5 pounds per acre. Do not apply more than 3.86 level tablespoons / 1000 sq.ft / application, and no more than 38.6 level tablespoons / 1000 sq. ft / year. Begin application at first sign of disease and repeat at 7 to 14 day intervals or greater, depending on disease pressure; use the higher rates and shorter spray intervals during periods of frequent rains or when severe disease conditions persist. The minimum retreatment interval for all ornamentals is 7 days.

For ornamentals listed in Table 3 (unless otherwise noted), do not apply more than 5.71 lbs per acre (2 lbs Metallic copper/A) for any single application. Annually, do not apply more than 57.1 lbs per acre (20 lbs Metallic copper/A). CuPRO* 2005 T/N/O may be used alone or in combination with other fungicides registered for use on ornamentals as a maintenance spray. Use in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. CuPRO* 2005 T/N/O cannot be mixed with any product containing a label prohibition against such mixing.

NOTICE TO USER: Plant sensitivities to CuPRO* 2005 T/N/O have been found to be acceptable for the specific genera and species listed on this label under the conditions tested. However, phytotoxicity may occur. Due to the large number of species and varieties of ornamental and nursery plants, and the wide range of growing conditions, it is impossible to test every one for sensitivity to CuPRO* 2005 T/N/O. Neither the manufacturer nor seller has determined whether or not CuPRO* 2005 T/N/O can be safely used on ornamental or nursery plants not listed on this label. The user should determine if CuPRO* 2005 T/N/O can be used

safely prior to commercial use. In a small area, apply the recommended rates to the plants in question, i.e., bedding plants, foliage, etc., and observe for 7 to 10 days for symptoms of phytotoxicity prior to commercial use.

NOTE: CuPRO* 2005 T/N/O may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.

NOTE: Phytotoxicity may depend on varietal differences. If unfamiliar with the use of CuPRO* 2005 T/N/O, apply the recommended rate to a few plants and observe after 7 to 10 days for symptoms of phytotoxicity.

TABLE 3		
ORNAMENTALS		
Crop(s)	Scientific Name	Disease(s)
Aglaonema [†]	<i>Aglaonema</i> spp.	Bacterial Leaf Spot
Althea (Rose of Sharon)	<i>Hibiscus syriacus</i>	Bacterial Leaf Spot
Andromeda, Japanese [†]	<i>Pieris japonica</i>	Leaf Spots; Twig Blight
Aralia	<i>Dizygotheca elegantissima</i>	Alternaria; Cercospora Leaf Spot; Xanthomonas Leaf Spot
Arborvitae	<i>Thuja</i> spp.	Alternaria Twig Blight; Cercospora Leaf Blight
Ash, Mountain [†]	<i>Sorbus</i> spp.	Fire Blight
Aster [†]	<i>Aster</i> spp.	Downy Mildew; Leaf Spots
Azalea ¹	<i>Rhododendron</i> spp.	Botrytis Blight; Cercospora Leaf Spot; Phytophthora Dieback; Powdery Mildew
Beech [†]	<i>Fagus</i> spp.	Leaf Spots
Begonia	<i>Begonia semperflorens</i>	Bacterial Leaf Spot (Erwinia spp.; Pseudomonas spp.; Xanthomonas spp)
Bougainvillea	<i>Bougainvillea spectabilis</i>	Anthrachnose; Bacterial Leaf Spot
Boxwood [†]	<i>Buxus</i> spp.	Leaf Spots
Camellia	<i>Camellia japonica</i> ; <i>Camellia sasanqua</i>	Anthrachnose; Bacterial Leaf Spot
Camphor Tree	<i>Cinnamomum camphora</i>	Pseudomonas Leaf Spot
Canna	<i>Canna</i> spp.	Pseudomonas Leaf Spot
Carnation ¹	<i>Dianthus</i> spp.	Alternaria Blight; Botrytis Blight; Pseudomonas Leaf Spot
Cedar [†]	<i>Cedrus</i> spp.	Tip Blight
Cherry, Nanking [†]	<i>Prunus tomentosa</i>	Bacterial Leaf Spot
Chinese Tallow Tree	<i>Sapium sebiferum</i>	Bacterial Leaf Spot (Pseudomonas spp.; Xanthomonas spp.)
Chrysanthemum ¹	<i>Chrysanthemum morifolium</i>	Botrytis Blight; Pseudomonas Leaf Spot; Septoria Leaf Spot
Cotoneaster	<i>Cotoneaster</i> spp.	Botrytis Blight
Crabapple, Ornamental [†]	<i>Malus</i> spp.	Fire Blight

Cypress[†]	<i>Cupressus</i> spp.	Twig Blight
Cypress, Leyland[†]	x <i>Cupressocyparis leylandii</i>	Cercospora Needle Blight
Dahlia	<i>Dahlia pinnata</i>	Alternaria Leaf Spot; Botrytis Gray Mold; Cercospora Leaf Spot
Delphinium[†]	<i>Delphinium</i> spp.	Leaf Spots
Dianthus	<i>Dianthus</i> spp.	Bacterial Soft Rot; Bacterial Spot
Dogwood, Flowering	<i>Cornus florida</i>	Anthraxnose
Dogwood, Kousa[†]	<i>Cornus kousa</i>	Fungal Leaf Spots
Dracaena[†]	<i>Dracaena marginata</i>	Bacterial Leaf Spot
Dumb Cane[†]	<i>Dieffenbachia</i> spp.	Bacterial Leaf Spot
Dusty Miller	<i>Senecio cineraria</i>	Bacterial Leaf Spot (<i>Pseudomonas cichorii</i>)
Echinacea	<i>Echinacea</i> spp.	Bacterial Leaf Spot (<i>Pseudomonas cichorii</i>)
Elm, Chinese	<i>Ulmus parvifolia</i>	Xanthomonas Leaf Spot
Euonymus	<i>Euonymus</i> spp.	Anthraxnose; Botrytis Blight
Fern, Boston[†]	<i>Nephrolepis exaltata</i>	Bacterial Leaf Spot
Fern, Holly	<i>Cyrtomium falcatum</i>	<i>Pseudomonas</i> Leaf Spot
Fig, Weeping[†]	<i>Ficus benjamina</i>	Bacterial Leaf Spot
Filbert, Ornamental[†]	<i>Corylus</i> spp.	Filbert Blight
Fir[†]	<i>Abies</i> spp.	Needlecasts
Fir, Douglas	<i>Pseudotsuga menziesii</i>	Rhabdocone Needlecast
Gardenia	<i>Gardenia jasminoides</i>	Alternaria Leaf Spot; Botrytis Bud Rot; Cercospora Leaf Spot
Geranium	<i>Pelargonium</i> spp.	Alternaria Leaf Spot; Botrytis Gray Mold; Cercospora Leaf Spot
Gladiola	<i>Gladiolus</i> spp.	Alternaria Leaf Spot; Anthracnose; Bacterial Leaf Blight; Botrytis Gray Mold
Golden Rain Tree	<i>Koelreuteria paniculata</i>	Bacterial Leaf Spot
Hawthorn[†]	<i>Crataegus</i> spp.	Fire Blight
Hawthorn, Indian⁵	<i>Raphiolepis indica</i>	Anthraxnose; Entomosporium Leaf Spot
Hibiscus⁴	<i>Hibiscus</i> spp.	Bacterial Leaf Spot
Holly[†]	<i>Ilex</i> spp.	Bacterial Blight; Leaf Spots
Honeylocust[†]	<i>Gleditsia triacanthos</i>	Bacterial Leaf Spot
Honeysuckle, Tatarian[†]	<i>Lonicera tatarica</i>	Bacterial Leaf Spot
Impatiens	<i>Impatiens sallerana</i>	Bacterial Leaf Spot
Iris^{†, 6}	<i>Iris</i> spp.	Bacterial Leaf Spot
Ivy, English or Algerian¹	<i>Hedera helix</i> ; <i>Hedera canariensis</i>	Xanthomonas Leaf Spot
Ivy, Grape[†]	<i>Cissus</i> spp.	Bacterial Leaf Spot

Ixora	<i>Ixora coccinea</i>	Xanthomonas Leaf Spots
Juniper	<i>Juniperus</i> spp.	Anthrachnose; Phomopsis Twig Dieback [†]
Lantana	<i>Lantana camara</i>	Bacterial Leaf Spot
Lilac	<i>Syringa</i> spp.	Cercospora Leaf Spot; Pseudomonas Blight [†]
Lily, Easter²	<i>Lilium longiflorum</i>	Botrytis Blight
Linden[†]	<i>Tilia</i> spp.	Anthrachnose; Leaf Blight
Loblolly Bay	<i>Gordonia lasianthus</i>	Anthrachnose
Loquat	<i>Eriobotrya japonica</i>	Colletotrichum spp.; Entomosporium maculata
Magnolia, Southern	<i>Magnolia grandiflora</i>	Algal Leaf Spot, Anthrachnose, Bacterial Leaf Spot
Magnolia, Sweet Bay	<i>Magnolia virginiana</i>	Anthrachnose
Magnolia, Oriental	<i>Magnolia soulangiana</i>	Bacterial Leaf Spot
Mandevilla	<i>Mandevilla</i> spp.	Anthrachnose
Maple[†]	<i>Acer</i> spp.	Pseudomonas Leaf Blight
Marigold	<i>Tagetes</i> spp.	Alternaria Leaf Spot; Botrytis Leaf Rot; Cercospora Leaf Spot; Flower Rot
Mulberry, Contorted[†]	<i>Morus bombycis</i>	Bacterial Leaf Spot
Mulberry, Weeping	<i>Morus alba</i>	Bacterial Leaf Spot
Narcissus[†]	<i>Narcissus</i> spp.	Leaf Blight
Nephthytis[†]	<i>Syngonium podophyllum</i>	Bacterial Leaf Spot
Oak[†]	<i>Quercus</i> spp.	Leaf Spots
Oak, Laurel	<i>Quercus laurifolia</i>	Algal Leaf Spot (Cephaleuros virescens)
Oleander	<i>Nerium oleander</i>	Bacterial Leaf Spot; Fungal Leaf Spot
Oregon Grapeholly[†]	<i>Mahonia aquifolium</i>	Leaf Spots
Palm, Date	<i>Phoenix canariensis</i>	Pestalotia Leaf Spot
Palm, European Fan	<i>Chamaerops humilis</i>	Pestalotia Leaf Spot
Palm, Parlor[†]	<i>Chamaedorea elegans</i>	Bacterial Leaf Spot
Palm, Queen	<i>Arecastrum romanzoffianum</i>	Exosporium Leaf Spot; Phytophthora Bud Rot
Palm, Washingtonia	<i>Washingtonia robusta</i>	Pestalotia Leaf Spot
Peach, Flowering^{†,3}	<i>Prunus</i> spp.	Bacterial Blast; Brown Rot; Fire Blight
Pear, Flowering	<i>Pyrus calleryana</i>	Fire Blight; Leaf Spot
Pentas[†] (Egyptian Star)	<i>Pentas</i> spp.	Bacterial Leaf Spot (<i>Pseudomonas</i> spp. [†] ; <i>Xanthomonas</i> spp.)
Peony	<i>Paeonia</i> spp.	Botrytis Blight
Periwinkle	<i>Catharanthus roseus</i> ; <i>Vinca</i> spp.	Phomopsis Stem Blight

Philodendron	<i>Philodendron selloum</i>	Bacterial Leaf Spot
Phlox	<i>Phlox</i> spp.	Alternaria Leaf Spot
Photinia (Red Tip)	<i>Photinia x fraserii</i> ; <i>Photinia glabra</i>	Anthrachnose; Entomosporium Leaf Spot
Pine[†]	<i>Pinus</i> spp.	Needlecasts
Pistachio	<i>Pistacia chinensis</i>	Anthrachnose
Plantain Lily⁶	<i>Hosta</i> spp.	Bacterial Leaf Spot
Plum, Flowering^{†,3}	<i>Prunus</i> spp.	Bacterial Blast; Brown Rot; Fire Blight
Pothos[†]	<i>Scindapsus</i> spp.	Bacterial Leaf Spot
Powder Puff Plant	<i>Calliandra</i> spp.	Bacterial Leaf Spot
Pyracantha	<i>Pyracantha</i> spp.	Fire Blight; Scab
Rhododendron	<i>Rhododendron</i> spp.	Alternaria Flower Spot
Rose¹	<i>Rosa</i> spp.	Black Spot; Powdery Mildew
Snapdragon	<i>Antirrhinum majus</i>	Anthrachnose; Dieback; Downy Mildew
Spathe Flower[†]	<i>Spathiphyllum</i> spp.	Bacterial Leaf Spot
Spirea[†]	<i>Spiraea</i> spp.	Fire Blight
Spruce[†]	<i>Picea</i> spp.	Needlecasts
Sycamore	<i>Platanus occidentalis</i>	Anthrachnose; Leaf Spots [†]
Tulip	<i>Tulipa</i> spp.	Anthrachnose; Botrytis Blight
Umbrella Tree[†]	<i>Schefflera</i> spp.	Bacterial Leaf Spot
Verbena	<i>Verbena</i> spp.	Xanthomonas Leaf Spot
Viburnum	<i>Viburnum odoratissimum</i> ; <i>Viburnum plicatum</i> ; <i>Viburnum suspensum</i>	Anthrachnose
Viola (Pansy, Violet)	<i>Viola</i> spp.	Downy Mildew
Willow	<i>Salix</i> spp.	Anthrachnose
Yew[†]	<i>Taxus</i> spp.	Needle Blight
Yucca (Adam's Needle)	<i>Yucca</i> spp.	Cercospora Leaf Spot; Septoria Leaf Spot
Zinnia[†]	<i>Zinnia</i> spp.	Leaf Spots

Control of Ball Moss[†], Spanish Moss[†] and Lichens[†] on Ornamental and Shade Trees:

Apply CuPRO* 2005 T/N/O in early spring when the trees are dormant. Apply 4.5 to 5.71 pounds of CuPRO* 2005 T/N/O in 100 gallons of water, using 1½ gallons of spray per foot of tree height. Be sure to thoroughly wet ball moss tufts, Spanish moss or lichens. The addition of a non-ionic surfactant will improve control. A second application may be required after 12 months.

NOTE: CuPRO* 2005 T/N/O may be injurious to some ornamental plants growing beneath the trees. CuPRO* 2005 T/N/O may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.

Cold Storage Protection for Dormant Rootstock[†]: To protect bare-root nursery trees from Phytophthora Crown Rot and Botrytis, use 2 to 3 pounds of CuPRO* 2005 T/N/O per 100 gallons of water. Apply as a dip or spray to the roots and lower stems of dormant rootstock prior to placing in cold storage. Do not apply to rootstock less than 2 years old.

FOOTNOTES:

[†] Except California

¹ Discoloration of foliage and/or blooms has been noted on some varieties. To prevent residues on commercial plants, do not spray immediately before selling season.

² Easter lily - Apply CuPRO* 2005 T/N/O at 2.25 to 3.75 pounds per acre. For single applications, do not exceed 7.1 lbs per acre (2.5 lbs Metallic copper/A). Annually, do not exceed 214.3 lbs per acre per year (75 lbs Metallic copper/A).

³ Apply dormant through bloom only.

⁴ Hibiscus - Do not apply to plants in flower.

⁵ For Indian Hawthorn use 1.5 to 3.0 pounds per acre.

⁶ Some cultivars may be sensitive to CuPRO* 2005 T/N/O.

CHEMIGATION

GENERAL CHEMIGATION INSTRUCTIONS

- Do not apply CuPRO* 2005 T/N/O through any irrigation (chemigation) system using aluminum parts or components as damage to the system may occur. Such application is prohibited regardless of whether the irrigation system is flushed with water after use of CuPRO* 2005 T/N/O.
- Apply CuPRO* 2005 T/N/O only through one or more of the following types of systems: sprinkler, including center pivot, lateral move, traveler, big gun, or plastic pipe solid set system(s) which contain no aluminum parts or components. Do not apply CuPRO* 2005 T/N/O through any other type of irrigation system.
- Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- Shut off injection equipment after treatment and continue to operate irrigation system until CuPRO* 2005 T/N/O has been cleared from the last sprinkler head.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

- Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional,

reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into the reservoir tank prior to pesticide introduction.

- There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

NOTE: It must be determined if proper application equipment is available and if waste associated with its use can be properly handled. Agricultural chemicals are often reactive with the materials used in the construction of application equipment, such as aluminum, rubber and some synthetic materials. This factor should be taken into consideration when selecting proper application equipment. It is necessary that all application equipment be thoroughly flushed with clean water after each day's use.

When mixing, fill the nurse tank half full with water. Add CuPRO* 2005 T/N/O slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. **DO NOT PRE-MIX OR SLURRY** CuPRO* 2005 T/N/O. Stickers, spreaders, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the Compatibility Jar Test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all precautions and limitations on the labels of all products used in mixtures. Agitation of the mixture in the nurse tank is recommended.

CuPRO* 2005 T/N/O should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set irrigation systems. Shut off injection equipment after treatment and continue to operate irrigation system until CuPRO* 2005 T/N/O has been cleared from the last sprinkler head.

SPRINKLER CHEMIGATION

- The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

- The pesticide injection pipeline must also contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

NOTE: It must be determined if proper application equipment is available and if waste associated with its use can be properly handled. Agricultural chemicals are often reactive with the materials used in the construction of application equipment, such as aluminum, rubber and some synthetic materials. This factor should be taken into consideration when selecting proper application equipment. It is necessary that all application equipment be thoroughly flushed with clean water after each day's use.

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CuPRO* 2005 T/N/O should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set irrigation systems. Shut off injection equipment after treatment and continue to operate irrigation system until CuPRO* 2005 T/N/O has been cleared from the last sprinkler head.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Nonrefillable Container Disposal (non-rigid, any size): Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available. If not available, then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by

State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY DISCLAIMER

SePRO Corporation warrants that CuPRO* 2005 T/N/O conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SEPRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of CuPRO* 2005 T/N/O. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of SePRO Corporation or the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer.

LIMITATION OF REMEDIES

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from CuPRO* 2005 T/N/O (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at SePRO Corporation's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from handling or use of CuPRO* 2005 T/N/O unless SePRO Corporation is notified in writing within twenty-one (21) days from the date of application of such losses or damages in writing. In no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the *Warranty Disclaimer* above and this *Limitation of Remedies* cannot be varied by any written or verbal statements or agreements. No employee or sales agent of SePRO Corporation or the seller is authorized to vary or exceed the terms of the *Warranty Disclaimer* or *Limitations of Remedies* in any manner.

Aliette is a registered trademark of the Bayer.

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*Trademark of SePRO Corporation

RE: Reregistration Label Changes Per Copper RED for 67690-37 CuPro 2005 T/N/O
 Mezin, Laurent
 to:
 Koschnick, Tyler, Rosemary Kearns, Tony Kish
 06/29/2011 02:25 PM
 Show Details

Dear all:

Please find attached a copy of the submission including the CuPRO 2005 label and in response to the EPA letter of 06 May 2011. An electronic copy of the clean, updated label is also attached for your convenience.

Please do not hesitate to contact me should you have any question or comment.

Best regards,

Laurent Mézin, Ph. D. | Manager, Regulatory Affairs

SePRO Corporation

11550 North Meridian Street, Suite 600 | Carmel, IN 46032 | www.sepro.com

(317) 703 9722 Cell

LaurentM@sepro.com

CONFIDENTIALITY NOTICE: This electronic transmission (including any files attached hereto) may contain information that is privileged, confidential and protected from disclosure. The information is intended only for the use of the individual or entity named above and is subject to any confidentiality agreements with such party. If the reader of this message is not the intended recipient or any employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any disclosure, dissemination, copying, distribution, or the taking of any action in reliance on the contents of this confidential information is strictly prohibited. If you have received this communication in error, please destroy it immediately and notify the sender by telephone. Thank you

Begin forwarded message:

From: Kearns.Rosemary@epamail.epa.gov
Date: June 29, 2011 11:41:37 AM EDT
To: "Koschnick, Tyler" <tylerk@sepro.com>
Cc: Kish.Tony@epamail.epa.gov
Subject: Reregistration Label Changes Per Copper RED for 67690-37 CuPro 2005 T/N/O

Good morning Mr. Koschnick - I am following up to a Certified Letter sent to you on May 6, 2011 requesting changes to your label and a revised label to be sent in within 20 days from receipt of the letter. Can you tell me when we can expect the revised label? It can be emailed directly to me.

CONFIDENTIALITY NOTICE: This electronic transmission (including any files attached hereto) may contain information that is privileged, confidential and protected from disclosure. The information is intended only for the use of the individual or entity named above and is subject to any confidentiality agreements



SePRO Corporation • 11550 North Meridian Street • Suite 600 • Carmel, Indiana 46032-4565
Phone: (317) 580-8282 Fax: (317) 428-4577

15 June 2011

Tony Kish
Product Manager 22
Office of Pesticide Programs (7504P) (REGFEE)
U.S. Environmental Protection Agency
Document Processing Desk
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

RE: CuPRO 2005 T/N/O, EPA Reg. No. 67690-37
Revised label per Copper RED and EPA letter dated 06May2011

Dear Ms. Kish:

On behalf of SePRO Corporation (EPA Company # 67690), I am submitting an updated label in support of the reregistration of the end use product CuPRO2005 T/N/O (EPA Registration No. 67690-37).

Please find enclosed the following information to support this registration:



- Cover letter (this document);
- EPA form 8570-1;
- A copy of the 06 May 2011 EPA letter;
- Three (3) copies of the label (2 clean and 1 highlighted);
- One electronic copy of the label; and
- A certification with respect to label integrity form

If you have any questions regarding this submission, please contact me at (317) 703-9722 or LaurentM@sepro.com.

Sincerely,

A handwritten signature in cursive script, appearing to read "Laurent Mézin".

Laurent Mézin
Manager, Regulatory Affairs

 United States Environmental Protection Agency Washington, DC 20460		<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
Application for Pesticide - Section I			
1. Company/Product Number 67690-37		2. EPA Product Manager Tony Kish	
4. Company/Product (Name) SePRO Corporation / CuPRO 2005 T/N/O		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
5. Name and Address of Applicant (Include ZIP Code) SePRO Corporation 11550 N. Meridian Street, Suite 600 Carmel, IN 46032 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	
Section - II			
<input type="checkbox"/> Amendment - Explain below.		<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated 06 May 2011	
<input type="checkbox"/> Resubmission in response to Agency letter dated _____		<input type="checkbox"/> "Me Too" Application.	
<input type="checkbox"/> Notification - Explain below.		<input type="checkbox"/> Other - Explain below.	
Explanation: Use additional page(s) if necessary. (For section I and Section II.) Submission of updated label in response to EPA letter dated 06 May 2011			
Section - III			
1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No * Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt. No. per container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 3 pounds	
		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____	
Section - IV			
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Laurent Mezin		Title Mgr, Regulatory Affairs	Telephone No. (Include Area Code) 317-703-9722
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Manager, Regulatory Affairs	
4. Typed Name Laurent Mezin		5. Date 15 June 2011	

Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
67690-37	15 June 2011	067690-00037.20110615.FPL20110614.clean.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.


Signature

14 June 2011
Date

Laurent Mezin
Name (typed)

Regulatory Affairs Manager

Title



SePRO Corporation • 11550 North Meridian Street • Suite 600 • Carmel, Indiana 46032-4565
Phone: (317) 580-8282 Fax: (317) 428-4577

15 June 2011

Tony Kish
Product Manager 22
Office of Pesticide Programs (7504P) (REGFEE)
U.S. Environmental Protection Agency
Document Processing Desk
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

RE: CuPRO 2005 T/N/O, EPA Reg. No. 67690-37
Revised label per Copper RED and EPA letter dated 06May2011

Dear Ms. Kish:

On behalf of SePRO Corporation (EPA Company # 67690), I am submitting an updated label in support of the reregistration of the end use product CuPRO2005 T/N/O (EPA Registration No. 67690-37).

Please find enclosed the following information to support this registration:

- Cover letter (this document);
- EPA form 8570-1;
- A copy of the 06 May 2011 EPA letter;
- Three (3) copies of the label (2 clean and 1 highlighted);
- One electronic copy of the label; and
- A certification with respect to label integrity form

If you have any questions regarding this submission, please contact me at (317) 703-9722 or LaurentM@sepro.com.


Sincerely,

A handwritten signature in cursive script, appearing to read "Laurent Mézin".

Laurent Mézin
Manager, Regulatory Affairs

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 67690-37	2. EPA Product Manager Tony Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SePRO Corporation / CuPRO 2005 T/N/O	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) SePRO Corporation 11550 N. Meridian Street, Suite 600 Carmel, IN 46032 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: <input checked="" type="checkbox"/> EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to 06 May 2011 Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Submission of updated label in response to EPA letter dated 06 May 2011

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 3 pounds		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	


Section - IV**1. Contact Point** (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Laurent Mezin	Title Mgr, Regulatory Affairs	Telephone No. (Include Area Code) 317-703-9722
------------------------------	---	--

Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received
(Stamped)

2. Signature 	3. Title Manager, Regulatory Affairs
4. Typed Name Laurent Mezin	5. Date 15 June 2011

Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
67690-37	15 June 2011	067690-00037.20110615.FPL20110614.clean.pdf

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.


Signature

14 June 2011
Date

Laurent Mezin
Name (typed)

Regulatory Affairs Manager
Title



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL
SAFETY AND POLLUTION PREVENTION

CERTIFIED MAIL

MAY 6 2011

Tyler Koschnick
Sepro Corporation
11550 North Meridian Street, Suite 600
Carmel, IN 46032

SUBJECT: Reregistration Label Changes per Copper RED
CuPro 2005 T/N/O
EPA Reg. No. 67690-37
Your Submission Dated August 7, 2008

Dear Mr. Koschnick:

The Agency has received the product specific data submitted for EPA Reg. No. 67690-37 in response to the Copper RED Product Specific Data Call-In. The Product Reregistration Branch (PRB) in the Product Re-Evaluation Division (PRD) and the Fungicides Branch (FB) in the Registration Division (RD) have completed a Preliminary Label Assessment for your product and determined further label changes are necessary to bring the label into compliance with the RED requirements. Once these label changes have been made, 3 new draft copies (one with the annotated changes from the current acceptable label) must be submitted to the Registration Division where the final review will be conducted. In addition (optional), we request that you include an electronic copy of the revised label in .PDF format on a CD-Rom per the technical guidance on our website: <http://www.epa.gov/oppead1/eds/esrguidance.htm#pilots>. Please be sure to follow the format for naming the .pdf files as described in the guidance.

The Agency is providing you with 20 days from receipt of this letter to adequately address the deficiencies noted in the letter and in the Preliminary Label Assessment dated March 20, 2009 and submit the revised labeling. In the absence of these changes, the Agency does not believe that this product meets the standard for registration under FIFRA. Failure to adequately respond within the 20 day timeframe may result in either a Notice of Intent to Suspend or a Notice of Intent to Cancel affecting the registration of the subject product, as appropriate.

EPA Reg. No 67690-37

Make the following labeling changes o the base label, master label, and any other sections of the label:

1. Per the acute toxicity review, the signal word currently on the label "WARNING" must be revised to read "DANGER" and the Spanish signal word "AVISO" must be revised to read "PELIGRO."

2. Per the acute toxicity review, the Precautionary Statements must be revised to read:

"DANGER. Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if inhaled. Do not get in eyes on clothing. Avoid breathing dust."

3. Per the acute toxicity review and the RED, the PPE section must be revised to read:

"Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options follow the instructions for category A on an EPA chemical-resistance category selection chart."

Mixers, loaders, applicators and other handlers must wear the following:

Long-sleeved shirt and long pants,
Shoes and socks,
Goggles or face shield, and
Chemical-resistant gloves."

Keep the PPE cleaning/washing sentences as now on label.

4. Per the RED, the text in bold type below must be added to the User Safety Recommendations section currently on the label:

"User Safety Recommendations

User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash the outside of gloves before removing.

User should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

5. On page 1, in the First Aid section "If on Skin" delete "or" and in this box add the sentence "Call a poison control....advice." These First Aid statements must be duplicated on page 4 of the label.

6. On page 3, in the Environmental Hazard section, line 3 the word “product” must be revised to read “produce”. This sentence must also be added “Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas”. Delete the sentence “Certain water conditions.....organisms” at the top of page 5 because that’s for algae uses.

7. Change “CuPRO” to CuPRO 2005 T/N/O throughout the label.

8. On page 6, change “in a range (e.g. 4 to 12 pounds...)” to “in a range (e.g. 0.75 to 2 pounds...)”.

9. Per the revised Copper RED label table, spray drift text must be added to the label as follows:

“SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind directions, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Restrictions

Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds. Where states have stringent regulations, they must be observed.

Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:

- The boom length must not exceeds 75% of the wingspan or 90% of the rotor blade diameter.
- Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the top of downwind edge of the application area by adjusting the path of the aircraft upwind.

Additional requirement for ground bloom application:

Do not apply with a nozzle height greater than 4 feet above the crop canopy”.

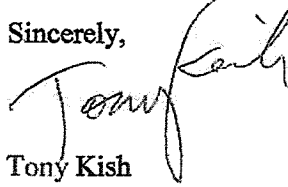
10. The text “or as needed” frequently appearing in the use directions conflicts with the required minimum retreatment interval of 7 days. The label must be revised.

11. On page 8 after “one level tablespoon....per acre” add “Do not apply more than 3.86 level tablespoons/1000 sq. ft) application, and no more than 38.6 level tablespoon/1000 sq. ft/year”.

12. On page 8, change “CU²⁺” to “metallic copper” and elsewhere on label.

If you have any questions regarding this correspondence, contact Rose Kearns of my staff at 703-305-5611 or via email at kearns.rosemary@epa.gov or myself at 703-308-9443 or via email at kish.tony@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Tony Kish", written over the word "Sincerely,".

Tony Kish
Product Manager (22)
Fungicide Branch
Registration Division (7504P)

Enclosures: Product Reregistration Review (dated February 6, 2009)
Acute Toxicity Review (dated April 16, 2008)
Product Chemistry Review (dated January 22, 2009)

CuPRO* 2005 T/N/O

Fungicide/Bactericide

EPA Reg. No. 67690-37

Registration Notes: Amendment to U.S. EPA to comply with EPA letter dated 06 May 2011.

General Label changes:

1. The signal words currently on the label "WARNING/AVISO" were revised to read "DANGER/PELIGRO"
2. The Precautionary Statements were revised to read:
"DANGER. Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if inhaled. Do not get in eyes on clothing. Avoid breathing dust."
3. The PPE section was revised per the acute toxicity review and the RED.
4. The User Safety Recommendations section was updated per the RED.
5. The Environmental Hazard section, the word "product" was revised to read "produce". This sentence "Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas" was added. The sentence "Certain water conditions organisms" was deleted.
6. Changed "CuPRO" to CuPRO 2005 T/N/O throughout the label.
7. On page 6, changed "in a range (e.g. 4 to 12 pounds ...)" to "in a range (e.g. 0.75 to 2 pounds ...)".
8. Per the revised Copper RED label table, spray drift text was added to the label.
9. The label was revised to remove conflict from the text "or as needed" appearing in the use directions.
11. In "Ornamentals" section, after "one level tablespoon per acre" added "Do not apply more than 3.86 level tablespoons/1000 sq. ft) application, and no more than 38.6 level tablespoon/1000 sq.ft/year".
12. Changed "Cu²⁺" to "metallic copper" throughout the label.

[Base label for Nonrefillable, Non-Rigid containers, any size]



CuPRO* 2005 T/N/O

FUNGICIDE/BACTERICIDE

Dry Flowable

A BROAD SPECTRUM FUNGICIDE/BACTERICIDE RECOMMENDED FOR CONTROL OF MANY IMPORTANT PLANT DISEASES ON CONIFERS AND ORNAMENTAL PLANTS GROWN IN GREENHOUSE/SHADEHOUSE, NURSERY, AND OUTDOOR LANDSCAPE SETTINGS.

Active Ingredient

Copper hydroxide[†] (CAS# 20427-59-2) 53.8%

Other Ingredients 46.2%

TOTAL 100.0%

[†] Metallic Copper equivalent 35.0%

KEEP OUT OF REACH OF CHILDREN

WARNING / AVISODANGER / PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail).

~~Causes substantial but temporary eye injury. Harmful if swallowed, absorbed through the skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing dust.~~
DANGER. Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if inhaled. Do not get in eyes or clothing. Avoid breathing dust.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes.

clothing	• Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving CuPROCuPRO* 2005 T/N/O, call INFOTRAC at 1-800-535-5053 .	

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. CuPROCuPRO* 2005 T/N/O has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to product runoff that contains CuPROCuPRO* 2005 T/N/O. For terrestrial uses: do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

~~Certain water conditions including low pH (≤ 6.5), low dissolved organic carbon (DOC) levels (3.0 mg/L or lower), and "soft" waters (i.e., alkalinity less than 50 mg/L), increases the potential acute toxicity to non-target aquatic organisms.~~

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Nonrefillable Container Disposal (non-rigid, any size): Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available. If not available, then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refer to label booklet for additional precautionary information and directions for use.

NOTICE: Read the entire label. Use only according to label directions. **Before buying or using CuPROCuPRO* 2005 T/N/O, read *Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies* inside label booklet.**

For additional information on our products, please visit www.sepro.com.

EPA Reg. No. 67690-37
FPL0073008FPL20110614

EPA Est. No. _____
SPC- _____

SePRO Corporation 11550 N. Meridian Street, Suite 600, Carmel, IN 46032, U.S.A.

Fungicide/Bactericide

Net Contents _____

[Label text]

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****KEEP OUT OF REACH OF CHILDREN****DANGER / PELIGRO / WARNING / AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail).

DANGER. Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if inhaled. Do not get in eyes or clothing. Avoid breathing dust. Causes substantial but temporary eye injury. Harmful if swallowed, absorbed through the skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing dust.

FIRST AID	
<u>If in eyes</u>	<ul style="list-style-type: none"> • <u>Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</u> • <u>Call a poison control center or doctor for treatment advice.</u>
<u>If swallowed</u>	<ul style="list-style-type: none"> • <u>Call a poison control center or doctor immediately for treatment advice.</u> • <u>Have person sip a glass of water if able to swallow.</u> • <u>Do not induce vomiting unless told to do so by a poison control center or doctor.</u> • <u>Do not give anything by mouth to an unconscious person.</u>
<u>If inhaled</u>	<ul style="list-style-type: none"> • <u>Move person to fresh air.</u> • <u>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</u> • <u>Call a poison control center or doctor for further treatment advice.</u>
<u>If on skin or clothing</u>	<ul style="list-style-type: none"> • <u>Take off contaminated clothing.</u> • <u>Rinse skin immediately with plenty of water for 15 - 20 minutes.</u> • <u>Call a poison control center or doctor for treatment advice.</u>
<p><u>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency endangering health or the environment involving CuPRO* 2005 T/N/O, call INFOTRAC at 1-800-535-5053.</u></p>	

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to CuPRO are listed below. This product are made of any waterproof material. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection sheet.

Applicators, Mixers, loaders, applicators and other handlers must wear the following:

- Long-sleeved shirt and long pants;
- Shoes plus and socks;
- Chemical-resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber or butyl rubber; and
- Protective eyewear Goggles or face shield; and

- Chemical-resistant gloves.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instruction for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with CuPROCuPRO* 2005 T/N/O's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS:

~~Users should:~~

- User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash the outside of gloves before removing.
- ~~Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.~~
- User should rRemove clothing/PPE immediately after handling this product. If pesticide gets inside, then As soon as possible, wash thoroughly and put on change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. CuPROCuPRO* 2005 T/N/O has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to product runoff that contains CuPROCuPRO* 2005 T/N/O. For terrestrial uses: do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

Certain water conditions including low pH (≤ 6.5), low dissolved organic carbon (DOC) levels (3.0 mg/L or lower), and "soft" waters (i.e., alkalinity less than 50 mg/L), increases the potential acute toxicity to non-target aquatic organisms.

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DIRECTIONS FOR USE

It is a violation of Federal Law to use CuPROCuPRO* 2005 T/N/O in a manner inconsistent with its labeling. Read all Directions for Use carefully before applying.

Do not apply CuPROCuPRO* 2005 T/N/O in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the treatment area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use CuPROCuPRO* 2005 T/N/O only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of CuPROCuPRO* 2005 T/N/O that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours without required PPE.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls;
- Shoes plus socks;
- Chemical-resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber or butyl rubber; and
- Protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of CuPRO* 2005 T/N/O that are not within the scope of the Worker Protection Standard for agricultural pesticides 40 CFR part 170. The WPS applies when CuPRO* 2005 T/N/O is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Do not enter or allow others to enter until sprays have dried.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

- Droplet Size: Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.
- Wind Speed: Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.
- Temperature Inversions: If applying at wind speeds less than 3 mph, the applicator must determine if (a) conditions of temperature inversion exist, or (b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.
- Other State and Local Restrictions: Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds. Where states have more stringent regulations, they must be observed.
- Equipment: All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.
 - Additional requirements for aerial applications:
 - The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
 - Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.

- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the top and downwind edge of the application area by adjusting the path of the aircraft upwind.
- Additional requirements for ground boom application:
 - Do not apply with a nozzle height greater than 4 feet above the crop canopy.

GENERAL APPLICATION INFORMATION

CuPRO* 2005 T/N/O may be applied as an aerial, ground dilute or ground concentrate spray unless specifically directed otherwise in the specific crop use directions.

The per acre use rate of CuPROCuPRO* 2005 T/N/O is applicable for both dilute and concentrate spraying. Depending upon the equipment used and the specific crop, the spray volume applied per acre will differ. Refer to Table 1 for *Minimum Recommended Spray Volumes*. Complete spray coverage is essential to assure optimum performance from CuPROCuPRO* 2005 T/N/O. When treating by aerial application or with low volume application equipment, unless you have had specific previous experience, it is advisable to test for compatibility and tolerance to crop injury prior to full scale commercial utilization.

Consult the CuPROCuPRO* 2005 T/N/O label for specific rates and timing of application by crop. Where application rates and intervals are provided in a range (e.g. 4 to 120.75 to 2 pounds and 7 to 10 days), the higher rates and shorter spray intervals are recommended when rainfall is heavy and/or disease pressure is high. Use the higher rates for large mature tree crops.

General Precautions

- CuPROCuPRO* 2005 T/N/O should not be applied in a spray solution having a pH of less than 6.5 as phytotoxicity may occur.
- Do not tank mix CuPROCuPRO* 2005 T/N/O with Aliette® fungicide for use on any registered crops or ornamentals unless appropriate precautions have been taken to buffer the spray solution because severe phytotoxicity may result.
- Use in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. CuPROCuPRO* 2005 T/N/O cannot be mixed with any product containing a label prohibition against such mixing.
- CuPROCuPRO* 2005 T/N/O may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.
- Environmental conditions such as extended periods of wet weather, acid rain, etc. which alter the pH of the leaf surface may affect the performance of CuPROCuPRO* 2005 T/N/O resulting in possible phytotoxicity or loss of effectiveness.
- Agricultural chemicals may perform in an unpredictable manner when tank mixed, especially where several products are involved. Reduced effect on pests or crop injury may occur. Unless recommended on this label or by a state/local expert, it is advisable to test for compatibility and potential crop injury prior to commercial use of a new tank mix; otherwise, tank mixing should not be undertaken.
- It must be determined if proper application equipment is available and if waste associated with its use can be properly handled. Agricultural chemicals are often reactive with the materials used in the construction of application equipment, such as aluminum, rubber and

some synthetic materials. This factor should be taken into consideration when selecting proper application equipment. It is necessary that all application equipment be thoroughly flushed with clean water after each day's use.

- Do not apply CuPROCuPRO* 2005 T/N/O through any irrigation (chemigation) system using aluminum parts or components as damage to the system may occur. Such application is prohibited regardless of whether the irrigation system is flushed with water after use of CuPROCuPRO* 2005 T/N/O.
- Apply CuPROCuPRO* 2005 T/N/O only through one or more of the following types of systems: sprinkler, including center pivot, lateral move, traveler, big gun, or plastic pipe solid set system(s) which contain no aluminum parts or components. Do not apply CuPROCuPRO* 2005 T/N/O through any other type of irrigation system.
- While volume is important in obtaining full spray coverage, often factors such as foliage density, environmental conditions and sprayer calibration have a greater impact. Always be sure that sprayers are calibrated to spray equipment manufacturer's specifications and environmental conditions are within those recommended by State and local regulatory authorities.
- When mixing, fill the spray tank one-half full with water. Add CuPROCuPRO* 2005 T/N/O slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. **DO NOT PRE-MIX or SLURRY CuPROCuPRO* 2005 T/N/O**. Spreaders, stickers, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the Compatibility Jar Test before mixing a whole tank or contact your chemical supplier. Observe all precautions and limitations on the labels of all products used in mixtures.

CROP CLASSIFICATIONS

CONIFERS: Douglas Fir, Fir, Juniper, Leyland Cypress, Pine, Spruce

ORNAMENTALS: Species as listed

TABLE 1			
MINIMUM RECOMMENDED SPRAY VOLUME (GALLONS PER ACRE) WHEN APPLYING CuPRO 2005 T/N/O			
	Aerial	Ground	
		Dilute	Concentrate
Conifers	10	100	30
Ornamentals	10	100	50

FROST INJURY PROTECTION - Bacterial Ice Nucleation Inhibitor

Application of CuPROCuPRO* 2005 T/N/O made to all crops listed on this label at rates and stages of growth indicated on this label, at least 24 hours prior to anticipated frost conditions, will afford control of ice nucleating bacteria (*Pseudomonas syringae*, *Erwinia herbicola*, and *Pseudomonas fluorescens*) and may therefore provide some protection against light frost. Not recommended for those geographical areas where weather conditions favor severe frost.

CONIFERS

For use on conifers, including Douglas Fir, Fir[†], Juniper, Leyland Cypress[†], Pine[†] and Spruce[†], in Christmas tree plantings.

For control of foliar diseases, apply CuPROCuPRO* 2005 T/N/O as a thorough cover spray at rates ranging from 1.5 to 3 pounds per acre. Begin applications in the spring at the initiation of new growth and repeat at 2-1 to 4 week intervals or as needed greater, depending on disease pressure. The minimum retreatment interval for conifers is 7 days. Use the higher rates when disease pressure is severe or when environmental conditions favor disease development.

CuPROCuPRO* 2005 T/N/O is recommended for use on the conifers found in Table 2 for control of the indicated diseases.

TABLE 2		
CONIFERS		
Crop	Scientific Name	Disease(s)
Douglas Fir	<i>Pseudotsuga menziesii</i>	Rhabdocline needlecast
Fir [†]	<i>Abies</i> spp.	Needlecasts
Juniper	<i>Juniperus</i> spp.	Anthracnose; Phomopsis Twig Dieback [†]
Leyland Cypress [†]	<i>x Cupressocyparis leylandii</i>	Cercospora Needle Blight
Pine [†]	<i>Pinus</i> spp.	Needlecasts
Spruce [†]	<i>Picea</i> spp.	Needlecasts
Lichens[†]: To control lichens on any of the conifers above, apply 5.71 pounds of <u>CuPROCuPRO* 2005 T/N/O</u> per acre as a dormant application before new growth emerges in the spring. The addition of a non-ionic surfactant will improve control. A second application may be required after 12 months.		

[†]Except California

NOTE: Do not buffer or combine with emulsifiable concentrate insecticides.

ORNAMENTALS

Use CuPROCuPRO* 2005 T/N/O for control of bacterial and fungal diseases of foliage, flowers and stems on ornamentals in greenhouses, shadehouses, outdoor nurseries and outdoor landscape plantings.

For ornamental crops in dormancy, apply as a thorough cover spray at rates ranging from 0.75 to 3 pounds per acre of CuPROCuPRO* 2005 T/N/O. When new growth is present, apply as a thorough cover spray at rates ranging from 0.75 to 2 pounds per acre of CuPROCuPRO* 2005 T/N/O. **One level tablespoon of CuPROCuPRO* 2005 T/N/O per 1,000 square feet is equivalent to 1.5 pounds per acre. Do not apply more than 3.86 level tablespoons / 1000 sq. ft / application, and no more than 38.6 level tablespoons / 1000 sq. ft / year.** Begin application at first sign of disease and repeat at 7 to 14 day intervals or greater, depending on disease pressure as needed; use the higher rates and shorter spray intervals during periods of frequent rains or when severe disease conditions persist. The minimum retreatment interval for all ornamentals is 7 days.

For ornamentals listed in Table 3 (unless otherwise noted), do not apply more than 5.71 lbs per acre (2 lbs Cu^{2+} Metallic copper/A) for any single application. Annually, do not apply more than 57.1 lbs per acre (20 lbs Cu^{2+} Metallic copper/A). CuPROCuPRO* 2005 T/N/O may be used alone or in combination with other fungicides registered for use on ornamentals as a maintenance spray. Use in accordance with the most restrictive of label limitations and

precautions. No label dosage rates should be exceeded. CuPROCuPRO* 2005 T/N/O cannot be mixed with any product containing a label prohibition against such mixing.

NOTICE TO USER: Plant sensitivities to CuPROCuPRO* 2005 T/N/O have been found to be acceptable for the specific genera and species listed on this label under the conditions tested. However, phytotoxicity may occur. Due to the large number of species and varieties of ornamental and nursery plants, and the wide range of growing conditions, it is impossible to test every one for sensitivity to CuPROCuPRO* 2005 T/N/O. Neither the manufacturer nor seller has determined whether or not CuPROCuPRO* 2005 T/N/O can be safely used on ornamental or nursery plants not listed on this label. The user should determine if CuPROCuPRO* 2005 T/N/O can be used safely prior to commercial use. In a small area, apply the recommended rates to the plants in question, i.e., bedding plants, foliage, etc., and observe for 7 to 10 days for symptoms of phytotoxicity prior to commercial use.

NOTE: CuPROCuPRO* 2005 T/N/O may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.

NOTE: Phytotoxicity may depend on varietal differences. If unfamiliar with the use of CuPROCuPRO* 2005 T/N/O, apply the recommended rate to a few plants and observe after 7 to 10 days for symptoms of phytotoxicity.

TABLE 3		
ORNAMENTALS		
Crop(s)	Scientific Name	Disease(s)
Aglaonema[†]	<i>Aglaonema</i> spp.	Bacterial Leaf Spot
Althea (Rose of Sharon)	<i>Hibiscus syriacus</i>	Bacterial Leaf Spot
Andromeda, Japanese[†]	<i>Pieris japonica</i>	Leaf Spots; Twig Blight
Aralia	<i>Dizygotheca elegantissima</i>	Alternaria; Cercospora Leaf Spot; Xanthomonas Leaf Spot
Arborvitae	<i>Thuja</i> spp.	Alternaria Twig Blight; Cercospora Leaf Blight
Ash, Mountain[†]	<i>Sorbus</i> spp.	Fire Blight
Aster[†]	<i>Aster</i> spp.	Downy Mildew; Leaf Spots
Azalea¹	<i>Rhododendron</i> spp.	Botrytis Blight; Cercospora Leaf Spot; Phytophthora Dieback; Powdery Mildew
Beech[†]	<i>Fagus</i> spp.	Leaf Spots
Begonia	<i>Begonia semperflorens</i>	Bacterial Leaf Spot (<i>Erwinia</i> spp.; <i>Pseudomonas</i> spp.; <i>Xanthomonas</i> spp)
Bougainvillea	<i>Bougainvillea spectabilis</i>	Anthrachnose; Bacterial Leaf Spot
Boxwood[†]	<i>Buxus</i> spp.	Leaf Spots
Camellia	<i>Camellia japonica</i> ; <i>Camellia sasanqua</i>	Anthrachnose; Bacterial Leaf Spot
Camphor Tree	<i>Cinnamomum camphora</i>	<i>Pseudomonas</i> Leaf Spot
Canna	<i>Canna</i> spp.	<i>Pseudomonas</i> Leaf Spot

Carnation¹	<i>Dianthus</i> spp.	Alternaria Blight; Botrytis Blight; Pseudomonas Leaf Spot
Cedar[†]	<i>Cedrus</i> spp.	Tip Blight
Cherry, Nanking[†]	<i>Prunus tomentosa</i>	Bacterial Leaf Spot
Chinese Tallow Tree	<i>Sapium sebiferum</i>	Bacterial Leaf Spot (Pseudomonas spp.; Xanthomonas spp.)
Chrysanthemum¹	<i>Chrysanthemum morifolium</i>	Botrytis Blight; Pseudomonas Leaf Spot; Septoria Leaf Spot
Cotoneaster	<i>Cotoneaster</i> spp.	Botrytis Blight
Crabapple, Ornamental[†]	<i>Malus</i> spp.	Fire Blight
Cypress[†]	<i>Cupressus</i> spp.	Twig Blight
Cypress, Leyland[†]	<i>x Cupressocyparis leylandii</i>	Cercospora Needle Blight
Dahlia	<i>Dahlia pinnata</i>	Alternaria Leaf Spot; Botrytis Gray Mold; Cercospora Leaf Spot
Delphinium[†]	<i>Delphinium</i> spp.	Leaf Spots
Dianthus	<i>Dianthus</i> spp.	Bacterial Soft Rot; Bacterial Spot
Dogwood, Flowering	<i>Cornus florida</i>	Anthrachnose
Dogwood, Kousa[†]	<i>Cornus kousa</i>	Fungal Leaf Spots
Dracaena[†]	<i>Dracaena marginata</i>	Bacterial Leaf Spot
Dumb Cane[†]	<i>Dieffenbachia</i> spp.	Bacterial Leaf Spot
Dusty Miller	<i>Senecio cineraria</i>	Bacterial Leaf Spot (Pseudomonas cichorii)
Echinacea	<i>Echinacea</i> spp.	Bacterial Leaf Spot (Pseudomonas cichorii)
Elm, Chinese	<i>Ulmus parvifolia</i>	Xanthomonas Leaf Spot
Euonymus	<i>Euonymus</i> spp.	Anthrachnose; Botrytis Blight
Fern, Boston[†]	<i>Nephrolepis exaltata</i>	Bacterial Leaf Spot
Fern, Holly	<i>Cyrtomium falcatum</i>	Pseudomonas Leaf Spot
Fig, Weeping[†]	<i>Ficus benjamina</i>	Bacterial Leaf Spot
Filbert, Ornamental[†]	<i>Corylus</i> spp.	Filbert Blight
Fir[†]	<i>Abies</i> spp.	Needlecasts
Fir, Douglas	<i>Pseudotsuga menziesii</i>	Rhabdocline Needlecast
Gardenia	<i>Gardenia jasminoides</i>	Alternaria Leaf Spot; Botrytis Bud Rot; Cercospora Leaf Spot
Geranium	<i>Pelargonium</i> spp.	Alternaria Leaf Spot; Botrytis Gray Mold; Cercospora Leaf Spot
Gladiola	<i>Gladiolus</i> spp.	Alternaria Leaf Spot; Anthrachnose; Bacterial Leaf Blight; Botrytis Gray Mold
Golden Rain Tree	<i>Koelreuteria paniculata</i>	Bacterial Leaf Spot
Hawthorn[†]	<i>Crataegus</i> spp.	Fire Blight
Hawthorn, Indian⁵	<i>Raphiolepis indica</i>	Anthrachnose; Entomosporium Leaf Spot

Hibiscus⁴	<i>Hibiscus</i> spp.	Bacterial Leaf Spot
Holly[†]	<i>Ilex</i> spp.	Bacterial Blight; Leaf Spots
Honeylocust[†]	<i>Gleditsia triacanthos</i>	Bacterial Leaf Spot
Honeysuckle, Tatarian[†]	<i>Lonicera tatarica</i>	Bacterial Leaf Spot
Impatiens	<i>Impatiens sallerana</i>	Bacterial Leaf Spot
Iris^{†, 6}	<i>Iris</i> spp.	Bacterial Leaf Spot
Ivy, English or Algerian¹	<i>Hedera helix</i> ; <i>Hedera canariensis</i>	Xanthomonas Leaf Spot
Ivy, Grape[†]	<i>Cissus</i> spp.	Bacterial Leaf Spot
Ixora	<i>Ixora coccinea</i>	Xanthomonas Leaf Spots
Juniper	<i>Juniperus</i> spp.	Anthrachnose; Phomopsis Twig Dieback [†]
Lantana	<i>Lantana camera</i>	Bacterial Leaf Spot
Lilac	<i>Syringa</i> spp.	Cercospora Leaf Spot; Pseudomonas Blight [†]
Lily, Easter²	<i>Lilium longiflorum</i>	Botrytis Blight
Linden[†]	<i>Tilia</i> spp.	Anthrachnose; Leaf Blight
Loblolly Bay	<i>Gordonia lasianthus</i>	Anthrachnose
Loquat	<i>Eriobotrya japonica</i>	Colletotrichum spp.; Entomosporium maculata
Magnolia, Southern	<i>Magnolia grandiflora</i>	Algal Leaf Spot, Anthrachnose, Bacterial Leaf Spot
Magnolia, Sweet Bay	<i>Magnolia virginiana</i>	Anthrachnose
Magnolia, Oriental	<i>Magnolia soulangiana</i>	Bacterial Leaf Spot
Mandevilla	<i>Mandevilla</i> spp.	Anthrachnose
Maple[†]	<i>Acer</i> spp.	Pseudomonas Leaf Blight
Marigold	<i>Tagetes</i> spp.	Alternaria Leaf Spot; Botrytis Leaf Rot; Cercospora Leaf Spot; Flower Rot
Mulberry, Contorted[†]	<i>Morus bombycis</i>	Bacterial Leaf Spot
Mulberry, Weeping	<i>Morus alba</i>	Bacterial Leaf Spot
Narcissus[†]	<i>Narcissus</i> spp.	Leaf Blight
Nephthytis[†]	<i>Syngonium podophyllum</i>	Bacterial Leaf Spot
Oak[†]	<i>Quercus</i> spp.	Leaf Spots
Oak, Laurel	<i>Quercus laurifolia</i>	Algal Leaf Spot (Cephaleuros virescens)
Oleander	<i>Nerium oleander</i>	Bacterial Leaf Spot; Fungal Leaf Spot
Oregon Grapeholly[†]	<i>Mahonia aquifolium</i>	Leaf Spots
Palm, Date	<i>Phoenix canariensis</i>	Pestalotia Leaf Spot
Palm, European Fan	<i>Chamaerops humilis</i>	Pestalotia Leaf Spot
Palm, Parlor[†]	<i>Chamaedorea elegans</i>	Bacterial Leaf Spot

Palm, Queen	<i>Arecastrum romanzoffianum</i>	Exosporium Leaf Spot; Phytophthora Bud Rot
Palm, Washingtonia	<i>Washingtonia robusta</i>	Pestalotia Leaf Spot
Peach, Flowering^{†,3}	<i>Prunus</i> spp.	Bacterial Blast; Brown Rot; Fire Blight
Pear, Flowering	<i>Pyrus calleryana</i>	Fire Blight; Leaf Spot
Pentas[†] (Egyptian Star)	<i>Pentas</i> spp.	Bacterial Leaf Spot (<i>Pseudomonas</i> spp. [†] ; <i>Xanthomonas</i> spp.)
Peony	<i>Paeonia</i> spp.	Botrytis Blight
Periwinkle	<i>Catharanthus roseus</i> ; <i>Vinca</i> spp.	Phomopsis Stem Blight
Philodendron	<i>Philodendron selloum</i>	Bacterial Leaf Spot
Phlox	<i>Phlox</i> spp.	Alternaria Leaf Spot
Photinia (Red Tip)	<i>Photinia x fraserii</i> ; <i>Photinia glabra</i>	Anthrachnose; Entomosporium Leaf Spot
Pine[†]	<i>Pinus</i> spp.	Needlecasts
Pistachio	<i>Pistacia chinensis</i>	Anthrachnose
Plantain Lily⁶	<i>Hosta</i> spp.	Bacterial Leaf Spot
Plum, Flowering^{†,3}	<i>Prunus</i> spp.	Bacterial Blast; Brown Rot; Fire Blight
Pothos[†]	<i>Scindapsus</i> spp.	Bacterial Leaf Spot
Powder Puff Plant	<i>Calliandra</i> spp.	Bacterial Leaf Spot
Pyracantha	<i>Pyracantha</i> spp.	Fire Blight; Scab
Rhododendron	<i>Rhododendron</i> spp.	Alternaria Flower Spot
Rose[†]	<i>Rosa</i> spp.	Black Spot; Powdery Mildew
Snapdragon	<i>Antirrhinum majus</i>	Anthrachnose; Dieback; Downy Mildew
Spathe Flower[†]	<i>Spathiphyllum</i> spp.	Bacterial Leaf Spot
Spiraea[†]	<i>Spiraea</i> spp.	Fire Blight
Spruce[†]	<i>Picea</i> spp.	Needlecasts
Sycamore	<i>Platanus occidentalis</i>	Anthrachnose; Leaf Spots [†]
Tulip	<i>Tulipa</i> spp.	Anthrachnose; Botrytis Blight
Umbrella Tree[†]	<i>Schefflera</i> spp.	Bacterial Leaf Spot
Verbena	<i>Verbena</i> spp.	Xanthomonas Leaf Spot
Viburnum	<i>Viburnum odoratissimum</i> ; <i>Viburnum plicatum</i> ; <i>Viburnum suspensum</i>	Anthrachnose
Viola (Pansy, Violet)	<i>Viola</i> spp.	Downy Mildew
Willow	<i>Salix</i> spp.	Anthrachnose
Yew[†]	<i>Taxus</i> spp.	Needle Blight
Yucca (Adam's Needle)	<i>Yucca</i> spp.	Cercospora Leaf Spot; Septoria Leaf Spot
Zinnia[†]	<i>Zinnia</i> spp.	Leaf Spots

Control of Ball Moss[†], Spanish Moss[†] and Lichens[†] on Ornamental and Shade Trees:

Apply CuPROCuPRO* 2005 T/N/O in early spring when the trees are dormant. Apply 4.5 to 5.71 pounds of CuPROCuPRO* 2005 T/N/O in 100 gallons of water, using 1½ gallons of spray per foot of tree height. Be sure to thoroughly wet ball moss tufts, Spanish moss or lichens. The addition of a non-ionic surfactant will improve control. A second application may be required after 12 months.

NOTE: CuPROCuPRO* 2005 T/N/O may be injurious to some ornamental plants growing beneath the trees. CuPROCuPRO* 2005 T/N/O may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.

Cold Storage Protection for Dormant Rootstock[†]: To protect bare-root nursery trees from Phytophthora Crown Rot and Botrytis, use 2 to 3 pounds of CuPROCuPRO* 2005 T/N/O per 100 gallons of water. Apply as a dip or spray to the roots and lower stems of dormant rootstock prior to placing in cold storage. Do not apply to rootstock less than 2 years old.

FOOTNOTES:

[†] Except California

¹ Discoloration of foliage and/or blooms has been noted on some varieties. To prevent residues on commercial plants, do not spray immediately before selling season.

² Easter lily - Apply CuPROCuPRO* 2005 T/N/O at 2.25 to 3.75 pounds per acre. For single applications, do not exceed 7.1 lbs per acre (2.5 lbs Cu²⁺ Metallic copper/A). Annually, do not exceed 214.3 lbs per acre per year (75 lbs Cu²⁺ Metallic copper/A).

³ Apply dormant through bloom only.

⁴ Hibiscus - Do not apply to plants in flower.

⁵ For Indian Hawthorn use 1.5 to 3.0 pounds per acre.

⁶ Some cultivars may be sensitive to CuPROCuPRO* 2005 T/N/O.

CHEMIGATION**GENERAL CHEMIGATION INSTRUCTIONS**

- Do not apply CuPROCuPRO* 2005 T/N/O through any irrigation (chemigation) system using aluminum parts or components as damage to the system may occur. Such application is prohibited regardless of whether the irrigation system is flushed with water after use of CuPROCuPRO* 2005 T/N/O.
- Apply CuPROCuPRO* 2005 T/N/O only through one or more of the following types of systems: sprinkler, including center pivot, lateral move, traveler, big gun, or plastic pipe solid set system(s) which contain no aluminum parts or components. Do not apply CuPROCuPRO* 2005 T/N/O through any other type of irrigation system.
- Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or

under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

- Shut off injection equipment after treatment and continue to operate irrigation system until CuPROCuPRO* 2005 T/N/O has been cleared from the last sprinkler head.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

- Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into the reservoir tank prior to pesticide introduction.
- There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

NOTE: It must be determined if proper application equipment is available and if waste associated with its use can be properly handled. Agricultural chemicals are often reactive with the materials used in the construction of application equipment, such as aluminum, rubber and some synthetic materials. This factor should be taken into consideration when selecting proper application equipment. It is necessary that all application equipment be thoroughly flushed with clean water after each day's use.

When mixing, fill the nurse tank half full with water. Add CuPROCuPRO* 2005 T/N/O slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. **DO NOT PRE-MIX OR SLURRY CuPROCuPRO* 2005 T/N/O.** Stickers, spreaders, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the Compatibility Jar Test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all precautions and limitations on the labels of all products used

in mixtures. Agitation of the mixture in the nurse tank is recommended.

CuPROCuPRO* 2005 T/N/O should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set irrigation systems. Shut off injection equipment after treatment and continue to operate irrigation system until CuPROCuPRO* 2005 T/N/O has been cleared from the last sprinkler head.

SPRINKLER CHEMIGATION

- The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must also contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

NOTE: It must be determined if proper application equipment is available and if waste associated with its use can be properly handled. Agricultural chemicals are often reactive with the materials used in the construction of application equipment, such as aluminum, rubber and some synthetic materials. This factor should be taken into consideration when selecting proper application equipment. It is necessary that all application equipment be thoroughly flushed with clean water after each day's use.

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Nonrefillable Container Disposal (non-rigid, any size): Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available. If not available, then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY DISCLAIMER

SePRO Corporation warrants that CuPROCuPRO* 2005 T/N/O conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SEPRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of CuPROCuPRO* 2005 T/N/O. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of SePRO Corporation or the seller. To the extent consistent with applicable law, all such risks shall be assumed by buyer.

LIMITATION OF REMEDIES

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from CuPROCuPRO* 2005 T/N/O (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at SePRO Corporation's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

To the extent consistent with applicable law, SePRO Corporation shall not be liable for losses or damages resulting from handling or use of CuPROCuPRO* 2005 T/N/O unless SePRO Corporation is notified in writing within twenty-one (21) days from the date of application of such losses or damages in writing. In no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the *Warranty Disclaimer* above and this *Limitation of Remedies* cannot be varied by any written or verbal statements or agreements. No employee or sales agent of SePRO

Corporation or the seller is authorized to vary or exceed the terms of the *Warranty Disclaimer* or *Limitations of Remedies* in any manner.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL
SAFETY AND POLLUTION PREVENTION

CERTIFIED MAIL

MAY 6 2011

Tyler Koschnick
Sepro Corporation
11550 North Meridian Street, Suite 600
Carmel, IN 46032

SUBJECT: Reregistration Label Changes per Copper RED
CuPro 2005 T/N/O
EPA Reg. No. 67690-37
Your Submission Dated August 7, 2008

Dear Mr. Koschnick:

The Agency has received the product specific data submitted for EPA Reg. No. 67690-37 in response to the Copper RED Product Specific Data Call-In. The Product Reregistration Branch (PRB) in the Product Re-Evaluation Division (PRD) and the Fungicides Branch (FB) in the Registration Division (RD) have completed a Preliminary Label Assessment for your product and determined further label changes are necessary to bring the label into compliance with the RED requirements. Once these label changes have been made, 3 new draft copies (one with the annotated changes from the current acceptable label) must be submitted to the Registration Division where the final review will be conducted. In addition (optional), we request that you include an electronic copy of the revised label in .PDF format on a CD-Rom per the technical guidance on our website: <http://www.epa.gov/oppfead1/eds/esrguidance.htm#pilots>. Please be sure to follow the format for naming the .pdf files as described in the guidance.

The Agency is providing you with 20 days from receipt of this letter to adequately address the deficiencies noted in the letter and in the Preliminary Label Assessment dated March 20, 2009 and submit the revised labeling. In the absence of these changes, the Agency does not believe that this product meets the standard for registration under FIFRA. Failure to adequately respond within the 20 day timeframe may result in either a Notice of Intent to Suspend or a Notice of Intent to Cancel affecting the registration of the subject product, as appropriate.

EPA Reg. No 67690-37

Make the following labeling changes o the base label, master label, and any other sections of the label:

1. Per the acute toxicity review, the signal word currently on the label “WARNING” must be revised to read “DANGER” and the Spanish signal word “AVISO” must be revised to read “PELIGRO.”

2. Per the acute toxicity review, the Precautionary Statements must be revised to read:

“DANGER. Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if inhaled. Do not get in eyes on clothing. Avoid breathing dust.”

3. Per the acute toxicity review and the RED, the PPE section must be revised to read:

“Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options follow the instructions for category A on an EPA chemical-resistance category selection chart.”

Mixers, loaders, applicators and other handlers must wear the following:

Long-sleeved shirt and long pants,
Shoes and socks,
Goggles or face shield, and
Chemical-resistant gloves.”

Keep the PPE cleaning/washing sentences as now on label.

4. Per the RED, the text in bold type below must be added to the User Safety Recommendations section currently on the label:

“User Safety Recommendations

User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash the outside of gloves before removing.

User should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

5. On page 1, in the First Aid section “If on Skin” delete “or” and in this box add the sentence “Call a poison control....advice.” These First Aid statements must be duplicated on page 4 of the label.

6. On page 3, in the Environmental Hazard section, line 3 the word “product” must be revised to read “produce”. This sentence must also be added “Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas”. Delete the sentence “Certain water conditions.....organisms” at the top of page 5 because that’s for algae uses.

7. Change “CuPRO” to CuPRO 2005 T/N/O throughout the label.

8. On page 6, change “in a range (e.g. 4 to 12 pounds...)” to “in a range (e.g. 0.75 to 2 pounds...)”.

9. Per the revised Copper RED label table, spray drift text must be added to the label as follows:

“SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind directions, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Restrictions

Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds. Where states have stringent regulations, they must be observed.

Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:

- The boom length must not exceeds 75% of the wingspan or 90% of the rotor blade diameter.
- Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the top of downwind edge of the application area by adjusting the path of the aircraft upwind.

Additional requirement for ground bloom application:

Do not apply with a nozzle height greater than 4 feet above the crop canopy”.

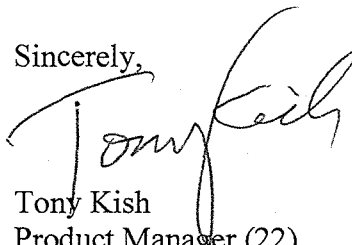
10. The text “or as needed” frequently appearing in the use directions conflicts with the required minimum retreatment interval of 7 days. The label must be revised.

11. On page 8 after “one level tablespoon....per acre” add “Do not apply more than 3.86 level tablespoons/1000 sq. ft) application, and no more than 38.6 level tablespoon/1000 sq. ft/year”.

12. On page 8, change “ CU^{2+} ” to “metallic copper” and elsewhere on label.

If you have any questions regarding this correspondence, contact Rose Kearns of my staff at 703-305-5611 or via email at kearns.rosemary@epa.gov or myself at 703-308-9443 or via email at kish.tony@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Tony Kish". The signature is fluid and cursive, with the first name "Tony" and last name "Kish" clearly distinguishable.

Tony Kish
Product Manager (22)
Fungicide Branch
Registration Division (7504P)

Enclosures: Product Reregistration Review (dated February 6, 2009)
Acute Toxicity Review (dated April 16, 2008)
Product Chemistry Review (dated January 22, 2009)

1

DATE OUT: 05/MAR/09

SUBJECT: PRODUCT CHEMISTRY REVIEW OF: TGAI []; MUP []; EUP [x]

BARCODE NO.: 362335

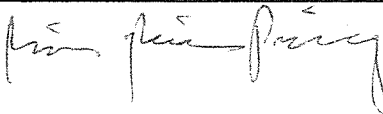
REG./FILE SYMBOL NO.: 67690-37

PRODUCT NAME: CuPro* 2005 T/N/O

COMPANY NAME: SePro Corporation

ACTION CODE: 674

FROM: Maria Rivera Piansay, Chemist
Product Chemistry Team
PRB/SRRD (7508P)



TO: Bonnie Adler, CRM
Product Reregistration Branch
Special Review and Reregistration Division (7508P)

INTRODUCTION:

A Reregistration Eligibility Decision (RED), Case numbers 0636, 0649, 4025, and 4026, was issued in September, 2004 for the Technical Grade Active Ingredient (TGAI), Copper, which pertain to the Copper Sulfates, the Copper Compounds, Copper Oxides, and Copper Salts, respectively. According to the RED, the generic data base supporting the reregistration of Copper have been reviewed and found to be substantially complete.

In the 8-month response to the Copper RED (Case 0649), SePro Corp. provided a Confidential Statement of Formula (CSF) for the basic formulation, dated 9/5/08; a draft label (pin-punched 8/13/08); and is citing product chemistry data from [REDACTED] to support the reregistration of their product, EPA Reg. No. 67690-37.

FINDINGS:

1. EPA Reg. No. 67690-37 is an end-use product that contains the active ingredient Copper Hydroxide at a label claim nominal concentration of 53.8%.
2. The CSF for the basic formulation, dated 9/5/08, was filled out correctly and completely and contains information that are adequate for reregistration of the subject product.
3. Review of CSFs, labels (Reg. Nos. 67690-37 vs. [REDACTED] and other available information indicates that the citation is acceptable. The subject product may rely on all product chemistry data conducted with [REDACTED] to support its product chemistry data requirements. Data for [REDACTED]
[REDACTED] All product chemistry requirements as specified in 40 CFR §158.155, 158.160, 158.165, 158.167, 158.175, and 158.180 (the new 40 CFR section numbers are 158.320, 158.325, 158.335, 158.340, 158.350, and 158.355, respectively) which pertain to Product Identity and Composition, Description of Materials Used to Produce the Product, Description of Formulation Process, Discussion of Formation of Impurities, Certified Limits, and Enforcement Analytical Method (Group A), as well as the Group B requirements under 40 CFR §158.190 (new 40 CFR number is 158.310) which pertain to the Physical and Chemical Properties of the product (Group B) are satisfied, except for Storage Stability and Corrosion Characteristics. According to the review, the registrant was allowed to fulfill the requirements despite the non-acceptable studies. Refer to page 2 of the previous review.

4. The Ingredients statements are in compliance with the requirements of 40 CFR 156.10(g) and PR Notice 91-2. There are no data present that trigger the Physical or Chemical Hazards statements on the label. The Storage and Disposal statements are acceptable per 40 CFR 156.10(i)(2)(ix).

CONCLUSIONS:

The registrant has satisfied the product chemistry data requirements for the reregistration of EPA Reg. No. **67690-37**.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

October 17, 2008

MEMORANDUM:

Subject: EPA Reg. No.: 67690-37/CuPRO 2005 T/N/O
DP Barcode: 357320
Case No.: 0649

From: Marianne Lewis, Biologist
Product Reregistration Branch
Special Review and Reregistration Division (7508C)

To: Bonnie Adler, CRM
Product Reregistration Branch
Special Review and Reregistration Division (7508C)

Applicant: SePRO Corp.
11550 North Meridian Street, Suite 600
Carmel, IN 46032

Marianne Lewis 10/17/08

FORMULATION FROM EPA Reg. No. 67690-37 LABEL:

	<u>% by wt.</u>
<u>Active Ingredient(s):</u>	
Copper Hydroxide	53.8%
<u>Inert Ingredient(s):</u>	46.2%
Total	100.0%

BACKGROUND: In the 8 month response to the Coppers RED, the registrant is citing acute toxicity studies to support the reregistration of their product, EPA Reg. No. 67690-37. The MRID's are as follows: 431448-07 (81-1), 431448-08 (81-2), 431448-09 (81-3), 431448-10 (81-4), 431448-11 (81-5), 431448-12 (81-6). The studies were conducted by Exxon Biomedical Sciences, Inc. These studies were reviewed and found to be acceptable for [REDACTED]. After reviewing the studies PRB concurs with RD's findings. The subject product is a 100% repack of [REDACTED].

The primary eye irritation study resulted in a Toxicity Category I. An additional primary eye irritation study (81-4) was submitted by the registrant and was reviewed by PRS/RD on 1/21/97. This study resulted in a Toxicity Category II. When given two perfectly acceptable studies the Agency will always use the most conservative and protective result. Therefore, the subject product will be assigned the Toxicity Category I for the primary eye irritation study requirement.

RECOMMENDATIONS:

- The acute toxicity studies cited are acceptable to support the reregistration of EPA Reg. No. 67690-37.

The acute toxicity profile for EPA Reg. No. 67690-37 is currently:

Acute Oral	III	Cited (LD_{50} = 1331 mg/kg)
Acute Dermal	IV	Cited (LD_{50} > 5000 mg/kg)
Acute Inhalation	III	Cited (LD_{50} > 1.17 mg/L)
Primary Eye	I	Cited
Primary Dermal	IV	Cited
Skin Sensitization	non sensitizer	Cited

NOTE: The acute toxicity requirements have been satisfied for the subject product.

LABELING:

ID #: 067690-00037 CuPRO 2005 T/N/O

RESTRICTED USE CLASSIFICATION REQUIRED:

Due to primary eye irritation toxicity category.

SIGNAL WORD: **DANGER** **PELIGRO**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS*:

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if inhaled. Do not get in eyes or on clothing. Avoid breathing vapors or spray mist. Wear protective eye wear (goggles, safety glasses, face shield), long sleeved shirt, long pants, shoes, socks, and chemical resistant gloves (such as or made out of any waterproof material, selection category A*).

*If Selection Category A gloves do not provide adequate protection for this product, the registrant should indicate a specific glove category from the EPA chemical resistance chart that will provide adequate protection.

FIRST AID:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-xxx-xxxx for emergency medical treatment information.

USER SAFETY RECOMMENDATIONS:

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

The proposed label must contain the following guidance:

NOTE TO PHYSICIAN:

Probable mucosal damage may contraindicate the use of gastric lavage.

Note to CRM/PM/Registrant:

The proposed label should contain a Note to Physician which addresses the primary eye irritation Toxicity Category I. The following statements are some suggested types of information that could be included, if applicable, in the Note to Physicians:

- technical information on symptomatology;
- use of supportive treatments to maintain life functions;
- medicine that will counteract the specific physiological effects of the pesticide;
- company telephone number to specific medical personnel who can provide specialized medical advice.

Date: March 20, 2009

Reg. No.: 067690-037

Product Name: CuPRO 2005 T/N/O

PM Name/Number: Tony Kish, PM 22

Primary Reviewer: Judy Loranger

Secondary Reviewer: Larry Schnaubelt

Judy Loranger 3/24/09
L. Schnaubelt 3/24/09

New label or date of RD amended label: New, Received on 8/13/08

Formulation Type: Water Dispersible Granule

Active Ingredient Assessed: Copper hydroxide/023401

Other ai's in product

Name/PC code:

N/A

Reregistration Status or Registration Date:

N/A

Note to PM:

1) The Copper Label Table has been amended. Refer to the attached label table for details.

Assessment can be found N:\prb\label\067690\037

1) This product has been classified as a Restricted Use Pesticide due to eye irritation. Add the following text to the top of the front panel of the label, preferably enclosed in a box:

<p>Restricted Use Pesticide</p> <p>Due to eye irritation.</p> <p>For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.</p>
--

The above text must be set in type of the same minimum size as required for human hazard signal words and appear with sufficient prominence relative to the other text and graphic material on the front panel to make it unlikely to be overlooked under customary conditions of purchase and use.

2) Add "Restricted Use Pesticide" immediately below the heading "Directions For Use".

3) Per the acute toxicity review, the signal word currently on the label “WARNING” must be revised to read “DANGER” and the Spanish signal word “AVISO” must be revised to read “PELIGRO.”

4) The Agency recommends that additional text be added to the Note to Physician that addresses eye irritation concerns.

5) Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

“DANGER

Corrosive. Causes irreversible eye damage. Harmful if swallowed. Harmful if inhaled. Do not get in eyes or on clothing. Avoid breathing dust.”

6) Per the acute toxicity review and the RED, the PPE section must be revised to read:

“Some materials that are chemical-resistant to this product are **made of any waterproof material**. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear the following:

Long-sleeved shirt and long pants,

Shoes and socks,

Goggles or faceshield, and

Chemical-resistant gloves.”

7) Per the RED, the text in bold type below must be added to the User Safety Recommendations currently on the label:

“User Safety Recommendations

Wash the outside of gloves before removing. User should wash hands before, eating, drinking, chewing gum, tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.”

8) A typographical error in the third sentence of the Environmental Hazard section (“Poorly drainingwith shallow water tables are more prone to **product** runoff...”) must be corrected the text must read “Poorly draining...with shallow water tables are prone to **produce** runoff...”

9) The early entry glove statement appearing in the Agricultural Use Requirements box must be revised to read:

“Chemical-resistant gloves made of any waterproof material”

10) Per the revised copper label table, spray drift text must be added to the label and should read:

"SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

Apply only as a medium or coarser spray (ASAE standard 572) or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 15 mph. Only apply this product if the wind direction favors on-target deposition (approximately 3 to 10 mph), and there are no sensitive areas within 250 feet downwind.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of copper compounds. Where states have more stringent regulations, they must be observed.

Equipment

All aerial and ground application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:

- The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.

- When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

Additional requirements for ground boom application:

Do not apply with a nozzle height greater than 4 feet above the crop canopy.”

11) The text “or as needed” frequently appearing in the use directions conflicts with the required minimum retreatment interval of 7 days. The label must be revised.

Material to be added to a Mini-Jacket
(in the case where an e-Jacket exists)

Reg. No. 67690-37

Send to SIG: check box ☐

This material is:

- ☐ New stamped-accepted label
- ☐ New CSF
- ☐ Notification
- ☐ Final Printed Label
- ☒ Other: re-ref

Instructions: Attach this notice on top of the material. It must be clipped all together and there should be NO STAPLES in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: Bonnie Adler

Phone: 308-8523 Division: SRRD

Date: 7/22/09

DATE OUT: 23/APR/09

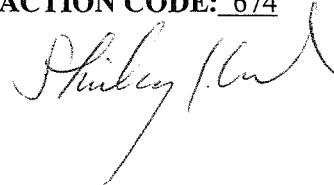
SUBJECT: PRODUCT CHEMISTRY REVIEW OF: TGAI []; MUP []; EUP [x]

BARCODE NO.: 357319 REG./FILE SYMBOL NO.: 67690-37

PRODUCT NAME: CuPRO* 2005 T/N/O

COMPANY NAME: SePRO Corporation ACTION CODE: 674

FROM: Shirley H. Keel, Environmental Protection Specialist
Product Chemistry Team
PRB/SRRD (7508P)



TO: Bonnie Adler, CRM
Product Reregistration Branch
Special Review and Reregistration Division (7508P)

INTRODUCTION:

A Reregistration Eligibility Decision (RED) entitled *Coppers*, including Case Nos. 0636, 0649, 4025 and 4026, was issued in July 2006 for the Copper Compounds. This RED included 34 copper compounds of which 13 were indicated as having been cancelled. According to the *Coppers* RED, the generic database supporting the reregistration of Copper Compounds for their current uses has been reviewed and found to be substantially complete.

In the 8-month response to the *Coppers* RED, the registrant submitted a Confidential Statement of Formula (CSF), a basic formulation, dated 9/5/08 and a draft label received by EPA on 8/13/08. The registrant cited product chemistry data from [REDACTED] to support the reregistration of CuPRO* 2005 T/N/O, EPA Reg. No. 67690-37.

FINDINGS:

1. EPA Reg. No. 67690-37 is an end-use product containing Copper Hydroxide at a label claim nominal concentration of 53.8%.
2. A review of the basic CSFs, labels (Reg. No. 67690-37 vs. [REDACTED] and other available information indicates that the citation is acceptable. The subject product may rely on product chemistry data from [REDACTED] to support its product chemistry reregistration requirements. The product chemistry data reported in [REDACTED] The revised basic CSF and resubmitted data in [REDACTED]. The product chemistry data requirements for the subject product, corresponding to the Guidelines under Subgroups A and B which pertain to Product Identity, Composition and Analysis, and Physical and Chemical Properties respectively are satisfied. No additional data are required.
3. The CSF for the basic formulation, dated 9/5/08, was filled out correctly and is acceptable to support the reregistration of the subject product.

4. The product chemistry statements of the draft label are acceptable. The Ingredient statement is in compliance with the requirements of 40 CFR 156.10(g) and PR Notice 91-2. The Storage and Disposal statements are acceptable in accordance with 40 CFR 156.10 and PR Notice 83-3. There are no physical/chemical hazards present in the product that will trigger the Physical or Chemical Hazards subheading.

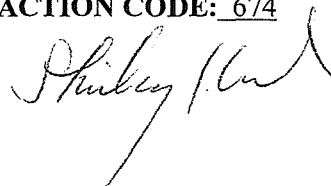
CONCLUSIONS:

The registrant has satisfied the product chemistry data requirements for the reregistration of EPA Reg. No. **67690-37**.

DATE OUT: 23/APR/09

SUBJECT: PRODUCT CHEMISTRY REVIEW OF: TGAI []; MUP []; EUP [x]
BARCODE NO.: 357319 REG./FILE SYMBOL NO.: 67690-37
PRODUCT NAME: CuPRO* 2005 T/N/O
COMPANY NAME: SePRO Corporation ACTION CODE: 674

FROM: Shirley H. Keel, Environmental Protection Specialist
Product Chemistry Team
PRB/SRRD (7508P)



TO: Bonnie Adler, CRM
Product Reregistration Branch
Special Review and Reregistration Division (7508P)

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FINDINGS:

1. EPA Reg. No. 67690-37 is an end-use product containing Copper Hydroxide at a label claim nominal concentration of 53.8%.
2. A review of the basic CSFs, labels (Reg. No. 67690-37 vs [REDACTED] and other available information indicates that the citation is acceptable. The subject product may rely on product chemistry data from [REDACTED] to support its product chemistry reregistration requirements. The product chemistry data reported in [REDACTED]. The revised basic CSF and resubmitted data in [REDACTED]. The product chemistry data requirements for the subject product, corresponding to the Guidelines under Subgroups A and B which pertain to Product Identity, Composition and Analysis, and Physical and Chemical Properties respectively are satisfied. No additional data are required.
3. The CSF for the basic formulation, dated 9/5/08, was filled out correctly and is acceptable to support the reregistration of the subject product.

4. The product chemistry statements of the draft label are acceptable. The Ingredient statement is in compliance with the requirements of 40 CFR 156.10(g) and PR Notice 91-2. The Storage and Disposal statements are acceptable in accordance with 40 CFR 156.10 and PR Notice 83-3. There are no physical/chemical hazards present in the product that will trigger the Physical or Chemical Hazards subheading.

CONCLUSIONS:

The registrant has satisfied the product chemistry data requirements for the reregistration of EPA Reg. No. **67690-37**.

CuPRO* 2005 T/N/O

Fungicide/Bactericide

EPA Reg. No. 67690-37

Registration Notes: Amendment to U.S. EPA to comply with Copper RED. Other changes as described below.

General Label changes:

1. Compliance with PR Notice 2007-4 by adding storage and disposal language for:
 - a. Nonrefillable, non-rigid containers of any size.
2. Add descriptive sale copy.
3. Revised the following label elements to comply with the Copper RED.
 - a. Ingredients Statement as required.
 - b. *Environmental Hazards* statements.
 - c. *Personal Protective Equipment*.
4. Corrected allowable label rates for copper on conifers and ornamentals.
5. Reworded various portions of the Directions for Use section to create better flow and understanding of CuPRO use.
6. Updated the *Inherent Risks of Use* and *Limitation of Remedies* sections of the warranty statement.
7. Corrected minor typographical errors and formatting, throughout label as permitted by PRN 98-10.

[Base label for Nonrefillable, Non-Rigid containers, any size]



CuPRO* 2005 T/N/O

FUNGICIDE/BACTERICIDE

Dry Flowable

Active Ingredient

Copper hydroxide†53.8%

..... Ingredients46.2%

TOTAL100.0%

† Metallic Copper equivalent 35.0%

KEEP OUT OF REACH OF CHILDREN

WARNING / AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail).

Causes substantial but temporary eye injury. Harmful if swallowed, absorbed through the skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing dust.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 - 20 minutes.

clothing	• Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic

do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

Drift and runoff may be hazardous to aquatic organisms in

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal : Completely empty bag into application equipment. then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

NOTICE: Read the entire label. Use only according to label directions. **Before buying or using CuPRO, read *Warranty Disclaimer, Inherent Risks of Use and Limitation of Remedies* inside label booklet.**

For additional information on our products, please visit www.sepro.com.

EPA Reg. No. 67690-37

EPA Est. No. _____
SPC-_____

SePRO Corporation Carmel, IN 46032, U.S.A.

Fungicide/Bactericide

Net Contents _____

[Label text]

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****KEEP OUT OF REACH OF CHILDREN****WARNING / AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail).

Causes substantial but temporary eye injury. Harmful if swallowed, absorbed through the skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing dust.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to CuPRO are listed below. If you want more options, follow the instructions for category A on an EPA chemical resistance category selection sheet.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Shoes plus socks;
- Chemical-resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber or butyl rubber; and
- Protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instruction for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with CuPRO's concentrate. Do not reuse them.

USER SAFETY RECOMMENDATIONS:**Users should:**

- [REDACTED]
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing [REDACTED] immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic [REDACTED]

[REDACTED] do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. [REDACTED]

Drift and runoff may be hazardous to aquatic organisms in [REDACTED]

DIRECTIONS FOR USE

It is a violation of Federal Law to use CuPRO in a manner inconsistent with its labeling. [REDACTED]

Do not apply CuPRO in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the [REDACTED] area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use CuPRO only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of CuPRO that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of [REDACTED] hours without required PPE.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

- Coveralls;
- Shoes plus socks;
- Chemical-resistant gloves made of any waterproof material, such as polyvinyl chloride, nitrile rubber or butyl rubber; and
- Protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of CuPRO that are not within the scope of the Worker Protection Standard for agricultural pesticides 40 CFR part 170. The WPS applies when CuPRO is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

CuPRO* 2005 T/N/O may be applied as an aerial, ground dilute or ground concentrate spray unless specifically directed otherwise in the specific crop use directions.

The per acre use rate of CuPRO is applicable for both dilute and concentrate spraying. Depending upon the equipment used and the specific crop, the spray volume applied per acre will differ. Complete spray coverage is essential to assure optimum performance from CuPRO. When treating by aerial application or with low volume application equipment, unless you have had specific previous experience, it is advisable to test for compatibility and tolerance to crop injury prior to full scale commercial utilization.

Consult the CuPRO label for specific rates and timing of application by crop. Where application rates and intervals are provided in a range (e.g. 4 to 12 pounds and 7 to 10 days), the higher rates and shorter spray intervals are recommended when rainfall is heavy and/or disease pressure is high. Use the higher rates for large mature tree crops.

- CuPRO should not be applied in a spray solution having a pH of less than 6.5 as phytotoxicity may occur.
- Do not tank mix CuPRO with Aliette® fungicide for use on any registered crops or ornamentals unless appropriate precautions have been taken to buffer the spray solution because severe phytotoxicity may result.
- Use in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. CuPRO cannot be mixed with any product containing a label prohibition against such mixing.
- CuPRO may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.
- Environmental conditions such as extended periods of wet weather, acid rain, etc. which alter the pH of the leaf surface may affect the performance of CuPRO resulting in possible phytotoxicity or loss of effectiveness.
- Agricultural chemicals may perform in an unpredictable manner when tank mixed, especially where several products are involved. Reduced effect on pests or crop injury may occur. Unless recommended on this label or by a state/local expert, it is advisable to test for compatibility and potential crop injury prior to commercial use of a new tank mix; otherwise, tank mixing should not be undertaken.
- It must be determined if proper application equipment is available and if waste associated with its use can be properly handled. Agricultural chemicals are often reactive with the materials used in the construction of application equipment, such as aluminum, rubber and some synthetic materials. This factor should be taken into consideration when selecting proper application equipment. It is necessary that all application equipment be thoroughly flushed with clean water after each day's use.
- Do not apply CuPRO through any irrigation (chemigation) system using aluminum parts or components as damage to the system may occur. Such application is prohibited regardless of whether the irrigation system is flushed with water after use of CuPRO.

- Apply CuPRO only through one or more of the following types of systems: sprinkler, including center pivot, lateral move, traveler, big gun, or plastic pipe solid set system(s) which contain no aluminum parts or components. Do not apply CuPRO through any other type of irrigation system.
- While volume is important in obtaining full spray coverage, often factors such as foliage density, environmental conditions and sprayer calibration have a greater impact. Always be sure that sprayers are calibrated to spray equipment manufacturer's specifications and environmental conditions are within those recommended by State and local regulatory authorities.
- When mixing, fill the spray tank one-half full with water. Add CuPRO slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. **DO NOT PRE-MIX or SLURRY CuPRO.** Spreaders, stickers, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the Compatibility Jar Test before mixing a whole tank or contact your chemical supplier. Observe all precautions and limitations on the labels of all products used in mixtures.

CROP CLASSIFICATION

CONIFERS: Douglas Fir, Fir, Juniper, Leyland Cypress, Pine, Spruce

ORNAMENTALS: Species as listed

TABLE 1			
MINIMUM RECOMMENDED SPRAY VOLUME (GALLONS PER ACRE) WHEN APPLYING CuPRO 2005 T/N/O			
	Aerial	Ground	
		Dilute	Concentrate
Conifers	10	100	30
Ornamentals	10	100	50

FROST INJURY PROTECTION - Bacterial Ice Nucleation Inhibitor

Application of CuPRO made to all crops listed on this label at rates and stages of growth indicated on this label, at least 24 hours prior to anticipated frost conditions, will afford control of ice nucleating bacteria (*Pseudomonas syringae*, *Erwinia herbicola*, and *Pseudomonas fluorescens*) and may therefore provide some protection against light frost. Not recommended for those geographical areas where weather conditions favor severe frost.

CONIFERS

For use on conifers, including Douglas Fir, Fir, Juniper, Leyland Cypress, Pine and Spruce, in Christmas tree plantings.

For control of foliar diseases, apply CuPRO as a thorough cover spray at rates ranging from 1.5 to 3 pounds per acre. Begin applications in the spring at the initiation of new growth and repeat at 2 to 4 week intervals or as needed.

Use the higher rates when disease pressure is severe or when environmental conditions favor disease development.

CuPRO is recommended for use on the conifers [REDACTED] for control of the [REDACTED] diseases.

TABLE 2		
CONIFERS		
Crop	Scientific Name	Disease
Douglas Fir	<i>Pseudotsuga menziesii</i>	Rhabdocone needlecast
Fir	<i>Abies</i> spp.	Needlecasts
Juniper	<i>Juniperus</i> spp.	Anthracnose; Phomopsis Twig Dieback
Leyland Cypress	<i>x Cupressocyparis leylandii</i>	Cercospora Needle Blight
Pine	<i>Pinus</i> spp.	Needlecasts
Spruce	<i>Picea</i> spp.	Needlecasts
Lichens : To control lichens on any of the conifers above, apply [REDACTED] of CuPRO per acre as a dormant application before new growth emerges in the spring. The addition of a non-ionic surfactant will improve control. A second application may be required after 12 months.		

[REDACTED] Except California

NOTE: Do not buffer or combine with emulsifiable concentrate insecticides.

ORNAMENTALS

Use CuPRO for control of bacterial and fungal diseases of foliage, flowers and stems on ornamentals in greenhouses, shadehouses, outdoor nurseries and outdoor landscape plantings.

For ornamental crops in dormancy, apply as a thorough cover spray at rates ranging from 0.75 to 3 pounds per acre of CuPRO. When new growth is present, apply as a thorough cover spray at rates ranging from 0.75 to 2 pounds per acre of CuPRO. **One level tablespoon of CuPRO per 1,000 square feet is equivalent to 1.5 pounds per acre.** Begin application at first sign of disease and repeat at 7 to 14 day intervals or as needed; use the higher rates and shorter spray intervals during periods of frequent rains or when severe disease conditions persist. [REDACTED]

[REDACTED] CuPRO may be used alone or in combination with other fungicides registered for use on ornamentals as a maintenance spray. Use in accordance with the most restrictive of label limitations and precautions. No label dosage rates should be exceeded. CuPRO cannot be mixed with any product containing a label prohibition against such mixing.

NOTICE TO USER: Plant sensitivities to CuPRO have been found to be acceptable for the specific genera and species listed on this label under the conditions tested. However, phytotoxicity may occur. Due to the large number of species and varieties of ornamental and nursery plants, and the wide range of growing conditions, it is impossible to test every one for sensitivity to CuPRO. Neither the manufacturer nor seller has determined whether or not CuPRO can be safely used on ornamental or nursery plants not listed on this label. The user should determine if CuPRO can be used safely prior to commercial use. In a small area, apply

the recommended rates to the plants in question, i.e., bedding plants, foliage, etc., and observe for 7 to 10 days for symptoms of phytotoxicity prior to commercial use.

NOTE: CuPRO may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.

NOTE: Phytotoxicity may depend on varietal differences. If unfamiliar with the use of CuPRO, apply the recommended rate to a few plants and observe after 7 to 10 days for symptoms of phytotoxicity.

TABLE 3		
ORNAMENTALS		
Crop(s)	Scientific Name	Disease(s)
Aglaonema [†]	<i>Aglaonema</i> spp.	Bacterial Leaf Spot
Althea (Rose of Sharon)	<i>Hibiscus syriacus</i>	Bacterial Leaf Spot
Andromeda, Japanese [†]	<i>Pieris japonica</i>	Leaf Spots; Twig Blight
Aralia	<i>Dizygotheca elegantissima</i>	Alternaria; Cercospora Leaf Spot; Xanthomonas Leaf Spot
Arborvitae	<i>Thuja</i> spp.	Alternaria Twig Blight; Cercospora Leaf Blight
Ash, Mountain [†]	<i>Sorbus</i> spp.	Fire Blight
Aster [†]	<i>Aster</i> spp.	Downy Mildew; Leaf Spots
Azalea ¹	<i>Rhododendron</i> spp.	Botrytis Blight; Cercospora Leaf Spot; Phytophthora Dieback; Powdery Mildew
Beech [†]	<i>Fagus</i> spp.	Leaf Spots
Begonia	<i>Begonia semperflorens</i>	Bacterial Leaf Spot (<i>Erwinia</i> spp.; <i>Pseudomonas</i> spp.; <i>Xanthomonas</i> spp)
Bougainvillea	<i>Bougainvillea spectabilis</i>	Anthrachnose; Bacterial Leaf Spot
Boxwood [†]	<i>Buxus</i> spp.	Leaf Spots
Camellia	<i>Camellia japonica</i> ; <i>Camellia sasanqua</i>	Anthrachnose; Bacterial Leaf Spot
Camphor Tree	<i>Cinnamomum camphora</i>	<i>Pseudomonas</i> Leaf Spot
Canna	<i>Canna</i> spp.	<i>Pseudomonas</i> Leaf Spot
Carnation ¹	<i>Dianthus</i> spp.	Alternaria Blight; Botrytis Blight; <i>Pseudomonas</i> Leaf Spot
Cedar [†]	<i>Cedrus</i> spp.	Tip Blight
Cherry, Nanking [†]	<i>Prunus tomentosa</i>	Bacterial Leaf Spot
Chinese Tallow Tree	<i>Sapium sebiferum</i>	Bacterial Leaf Spot (<i>Pseudomonas</i> spp.; <i>Xanthomonas</i> spp.)
Chrysanthemum ¹	<i>Chrysanthemum morifolium</i>	Botrytis Blight; <i>Pseudomonas</i> Leaf Spot; <i>Septoria</i> Leaf Spot
Cotoneaster	<i>Cotoneaster</i> spp.	Botrytis Blight
Crabapple, [REDACTED] [†]	<i>Malus</i> spp.	Fire Blight
Cypress [†]	<i>Cupressus</i> spp.	Twig Blight

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Cypress, Leyland[†]	<i>x Cupressocyparis leylandii</i>	Cercospora Needle Blight
Dahlia	<i>Dahlia pinnata</i>	Alternaria Leaf Spot; Botrytis Gray Mold; Cercospora Leaf Spot
Delphinium[†]	<i>Delphinium</i> spp.	Leaf Spots
Dianthus	<i>Dianthus</i> spp.	Bacterial Soft Rot; Bacterial Spot
Dogwood, Flowering	<i>Cornus florida</i>	Anthracnose
Dogwood, Kousa[†]	<i>Cornus kousa</i>	Fungal Leaf Spots
Dracaena[†]	<i>Dracaena marginata</i>	Bacterial Leaf Spot
Dumb Cane[†]	<i>Dieffenbachia</i> spp.	Bacterial Leaf Spot
Dusty Miller	<i>Senecio cineraria</i>	Bacterial Leaf Spot (<i>Pseudomonas cichorii</i>)
Echinacea	<i>Echinacea</i> spp.	Bacterial Leaf Spot (<i>Pseudomonas cichorii</i>)
Elm, Chinese	<i>Ulmus parvifolia</i>	Xanthomonas Leaf Spot
Euonymus	<i>Euonymus</i> spp.	Anthracnose; Botrytis Blight
Fern, Boston[†]	<i>Nephrolepis exaltata</i>	Bacterial Leaf Spot
Fern, Holly	<i>Cyrtomium falcatum</i>	<i>Pseudomonas</i> Leaf Spot
Fig, Weeping[†]	<i>Ficus benjamina</i>	Bacterial Leaf Spot
Filbert, Ornamental[†]	<i>Corylus</i> spp.	Filbert Blight
Fir[†]	<i>Abies</i> spp.	Needlecasts
Fir, Douglas	<i>Pseudotsuga menziesii</i>	Rhabdocone Needlecast
Gardenia	<i>Gardenia jasminoides</i>	Alternaria Leaf Spot; Botrytis Bud Rot; Cercospora Leaf Spot
Geranium	<i>Pelargonium</i> spp.	Alternaria Leaf Spot; Botrytis Gray Mold; Cercospora Leaf Spot
Gladiola	<i>Gladiolus</i> spp.	Alternaria Leaf Spot; Anthracnose; Bacterial Leaf Blight; Botrytis Gray Mold
Golden Rain Tree	<i>Koelreuteria paniculata</i>	Bacterial Leaf Spot
Hawthorn[†]	<i>Crataegus</i> spp.	Fire Blight
Hawthorn, Indian⁵	<i>Raphiolepis indica</i>	Anthracnose; Entomosporium Leaf Spot
Hibiscus⁴	<i>Hibiscus</i> spp.	Bacterial Leaf Spot
Holly[†]	<i>Ilex</i> spp.	Bacterial Blight; Leaf Spots
Honeylocust[†]	<i>Gleditsia triacanthos</i>	Bacterial Leaf Spot
Honeysuckle, Tatarian[†]	<i>Lonicera tatarica</i>	Bacterial Leaf Spot
Impatiens	<i>Impatiens sallerana</i>	Bacterial Leaf Spot
Iris^{†, 6}	<i>Iris</i> spp.	Bacterial Leaf Spot
Ivy, English or Algerian¹	<i>Hedera helix</i> ; <i>Hedera canariensis</i>	Xanthomonas Leaf Spot
Ivy, Grape[†]	<i>Cissus</i> spp.	Bacterial Leaf Spot

Ixora	<i>Ixora coccinea</i>	Xanthomonas Leaf Spots
Juniper	<i>Juniperus</i> spp.	Anthrachnose; Phomopsis Twig Dieback [†]
Lantana	<i>Lantana camara</i>	Bacterial Leaf Spot
Lilac	<i>Syringa</i> spp.	Cercospora Leaf Spot; Pseudomonas Blight [†]
Lily, Easter ²	<i>Lilium longiflorum</i>	Botrytis Blight
Linden [†]	<i>Tilia</i> spp.	Anthrachnose; Leaf Blight
Loblolly Bay	<i>Gordonia lasianthus</i>	Anthrachnose
Loquat	<i>Eriobotrya japonica</i>	Colletotrichum spp.; Entomosporium maculata
Magnolia, Southern	<i>Magnolia grandiflora</i>	Algal Leaf Spot, Anthrachnose, Bacterial Leaf Spot
Magnolia, Sweet Bay	<i>Magnolia virginiana</i>	Anthrachnose
Magnolia, Oriental	<i>Magnolia soulangiana</i>	Bacterial Leaf Spot
Mandevilla	<i>Mandevilla</i> spp.	Anthrachnose
Maple [†]	<i>Acer</i> spp.	Pseudomonas Leaf Blight
Marigold	<i>Tagetes</i> spp.	Alternaria Leaf Spot; Botrytis Leaf Rot; Cercospora Leaf Spot; Flower Rot
Mulberry, Contorted [†]	<i>Morus bombycis</i>	Bacterial Leaf Spot
Mulberry, Weeping	<i>Morus alba</i>	Bacterial Leaf Spot
Narcissus [†]	<i>Narcissus</i> spp.	Leaf Blight
Nephtytis [†]	<i>Syngonium podophyllum</i>	Bacterial Leaf Spot
Oak [†]	<i>Quercus</i> spp.	Leaf Spots
Oak, Laurel	<i>Quercus laurifolia</i>	Algal Leaf Spot (Cephaleuros virescens)
Oleander	<i>Nerium oleander</i>	Bacterial Leaf Spot; Fungal Leaf Spot
Oregon Grapeholly [†]	<i>Mahonia aquifolium</i>	Leaf Spots
Palm, Date	<i>Phoenix canariensis</i>	Pestalotia Leaf Spot
Palm, European Fan	<i>Chamaerops humilis</i>	Pestalotia Leaf Spot
Palm, Parlor [†]	<i>Chamaedorea elegans</i>	Bacterial Leaf Spot
Palm, Queen	<i>Arecastrum romanzoffianum</i>	Exosporium Leaf Spot; Phytophthora Bud Rot
Palm, Washingtonia	<i>Washingtonia robusta</i>	Pestalotia Leaf Spot
Peach, Flowering ^{†,3}	<i>Prunus</i> spp.	Bacterial Blast; Brown Rot; Fire Blight
Pear, Flowering	<i>Pyrus calleryana</i>	Fire Blight; Leaf Spot
Pentas [†] (Egyptian Star)	<i>Pentas</i> spp.	Bacterial Leaf Spot (<i>Pseudomonas</i> spp. [†] ; <i>Xanthomonas</i> spp.)
Peony	<i>Paeonia</i> spp.	Botrytis Blight

Periwinkle	<i>Catharanthus roseus</i> ; <i>Vinca</i> spp.	Phomopsis Stem Blight
Philodendron	<i>Philodendron selloum</i>	Bacterial Leaf Spot
Phlox	<i>Phlox</i> spp.	Alternaria Leaf Spot
Photinia (Red Tip)	<i>Photinia x fraserii</i> ; <i>Photinia glabra</i>	Anthrachnose; Entomosporium Leaf Spot
Pine[†]	<i>Pinus</i> spp.	Needlecasts
Pistachio	<i>Pistacia chinensis</i>	Anthrachnose
Plantain Lily⁶	<i>Hosta</i> spp.	Bacterial Leaf Spot
Plum, Flowering^{†,3}	<i>Prunus</i> spp.	Bacterial Blast; Brown Rot; Fire Blight
Pothos[†]	<i>Scindapsus</i> spp.	Bacterial Leaf Spot
Powder Puff Plant	<i>Calliandra</i> spp.	Bacterial Leaf Spot
Pyracantha	<i>Pyracantha</i> spp.	Fire Blight; Scab
Rhododendron	<i>Rhododendron</i> spp.	Alternaria Flower Spot
Rose¹	<i>Rosa</i> spp.	Black Spot; Powdery Mildew
Snapdragon	<i>Antirrhinum majus</i>	Anthrachnose; Dieback; Downy Mildew
Spathe Flower[†]	<i>Spathiphyllum</i> spp.	Bacterial Leaf Spot
Spirea[†]	<i>Spiraea</i> spp.	Fire Blight
Spruce[†]	<i>Picea</i> spp.	Needlecasts
Sycamore	<i>Platanus occidentalis</i>	Anthrachnose; Leaf Spots [†]
Tulip	<i>Tulipa</i> spp.	Anthrachnose; Botrytis Blight
Umbrella Tree[†]	<i>Schefflera</i> spp.	Bacterial Leaf Spot
Verbena	<i>Verbena</i> spp.	Xanthomonas Leaf Spot
Viburnum	<i>Viburnum odoratissimum</i> ; <i>Viburnum plicatum</i> ; <i>Viburnum suspensum</i>	Anthrachnose
Viola (Pansy, Violet)	<i>Viola</i> spp.	Downy Mildew
Willow	<i>Salix</i> spp.	Anthrachnose
Yew[†]	<i>Taxus</i> spp.	Needle Blight
Yucca (Adam's Needle)	<i>Yucca</i> spp.	Cercospora Leaf Spot; Septoria Leaf Spot
Zinnia[†]	<i>Zinnia</i> spp.	Leaf Spots

Control of Ball Moss[†], Spanish Moss[†] and Lichens[†] on Ornamental and Shade Trees:

Apply CuPRO in early spring when the trees are dormant. Apply 4.5 to [REDACTED] pounds of CuPRO in 100 gallons of water, using 1½ gallons of spray per foot of tree height. Be sure to thoroughly wet ball moss tufts, Spanish moss or lichens. The addition of a non-ionic surfactant will improve control. A second application may be required after 12 months.

NOTE: CuPRO may be injurious to some ornamental plants growing beneath the trees. CuPRO may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture, etc.

Cold Storage Protection for Dormant Rootstock[†]: To protect bare-root nursery trees from Phytophthora Crown Rot and Botrytis, use 2 to 3 pounds of CuPRO per 100 gallons of water. Apply as a dip or spray to the roots and lower stems of dormant rootstock prior to placing in cold storage. Do not apply to rootstock less than 2 years old.

[†] Except California

¹ Discoloration of foliage and/or blooms has been noted on some varieties. To prevent residues on commercial plants, do not spray immediately before selling season.

³ Apply dormant through bloom only.

⁴ Hibiscus - Do not apply to plants in flower.

⁵ For Indian Hawthorn use 1.5 to 3.0 pounds per acre.

⁶ Some cultivars may be sensitive to CuPRO.

CHEMIGATION

GENERAL CHEMIGATION INSTRUCTIONS

- Do not apply CuPRO through any irrigation (chemigation) system using aluminum parts or components as damage to the system may occur. Such application is prohibited regardless of whether the irrigation system is flushed with water after use of CuPRO.
- Apply CuPRO only through one or more of the following types of systems: sprinkler, including center pivot, lateral move, traveler, big gun, or plastic pipe solid set system(s) which contain no aluminum parts or components. Do not apply CuPRO through any other type of irrigation system.
- Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
- Shut off injection equipment after treatment and continue to operate irrigation system until CuPRO has been cleared from the last sprinkler head.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

- Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.
- Chemigation systems connected to public water systems must contain a functional,

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reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into the reservoir tank prior to pesticide introduction.

- There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

NOTE: It must be determined if proper application equipment is available and if waste associated with its use can be properly handled. Agricultural chemicals are often reactive with the materials used in the construction of application equipment, such as aluminum, rubber and some synthetic materials. This factor should be taken into consideration when selecting proper application equipment. It is necessary that all application equipment be thoroughly flushed with clean water after each day's use.

When mixing, fill the nurse tank half full with water. Add CuPRO slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. **DO NOT PRE-MIX OR SLURRY** CuPRO. Stickers, spreaders, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the Compatibility Jar Test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all precautions and limitations on the labels of all products used in mixtures. Agitation of the mixture in the nurse tank is recommended.

CuPRO should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set irrigation systems. Shut off injection equipment after treatment and continue to operate irrigation system until CuPRO has been cleared from the last sprinkler head.

SPRINKLER CHEMIGATION

- The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination

from backflow.

- The pesticide injection pipeline must also contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

NOTE: It must be determined if proper application equipment is available and if waste associated with its use can be properly handled. Agricultural chemicals are often reactive with the materials used in the construction of application equipment, such as aluminum, rubber and some synthetic materials. This factor should be taken into consideration when selecting proper application equipment. It is necessary that all application equipment be thoroughly flushed with clean water after each day's use.

When mixing, fill the nurse tank half full with water. Add CuPRO slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. **DO NOT PRE-MIX OR SLURRY** CuPRO. Stickers, spreaders, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the Compatibility Jar Test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all precautions and limitations on the labels of all products used in mixtures. Agitation of the mixture in the nurse tank is recommended.

CuPRO should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set irrigation systems. Shut off injection equipment after treatment and continue to operate irrigation system until CuPRO has been cleared from the last sprinkler head.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Completely empty bag into application equipment.

then dispose of empty bag in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY DISCLAIMER

SePRO Corporation warrants that CuPRO conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below.

SEPRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS OF USE

It is impossible to eliminate all risks associated with use of CuPRO. Crop injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of SePRO Corporation or the seller. all such risks shall be assumed by buyer.

LIMITATION OF REMEDIES

SePRO Corporation shall not be liable for losses or damages resulting from CuPRO (including claims based on contract, negligence, strict liability, or other legal theories) shall be limited to, at SePRO Corporation's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

SePRO Corporation shall not be liable for losses or damages resulting from handling or use of CuPRO unless SePRO Corporation is of such losses or damages in writing. In no case shall SePRO Corporation be liable for consequential or incidental damages or losses.

The terms of the *Warranty Disclaimer* above and this *Limitation of Remedies* cannot be varied by any written or verbal statements or agreements. No employee or sales agent of SePRO Corporation or the seller is authorized to vary or exceed the terms of the *Warranty Disclaimer* or *Limitations of Remedies* in any manner.

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